

Inergetix-CoRe v6
Software and Hardware Instruction Manual March 2014
All Materials supplied and written by Inergetix-CoRe
Compiled and formatted by
Katherine Tassioulas Certification Director for Inergetix

Once you have purchased your system and have received your products you will be sent an email from Ezio from our Technical support department

Ezio will send you an email with your download and activation instructions along with your username and password

As we are continuously improving our systems so this instruction manual will be updated as needed this is V1 March 2014 this guide is also at http://energetic-medicine.com/modality/hardware-products/manual-and-guides/

Please feel free to visit our websites for up to date information on all our systems and applicators http://energetic-medicine.com/

Please read through your training manual to understand the workings of this most comprehensive system and visit our website for free live online training.. www.energy-medicine-international.com

We recommend that you install and activate your v6 software and then install your hardware

Please note that you do not need to install your hardware to run a CoRe evaluation, communication and informational session

This Installation guide is set up in sections for each of the system configurations

The emails from tech support override the information provided in this installation guide.

Our web sites

http://www.Bioresonance-LaesEr.com (Bioresonance site)

http://www.energy-medicine.info (original site, no longer updated)

http://www.energetic-medicine.com (Technology-dedicated site)

http://www.truepowerbalance.com (BEaMEr portable energetic device)

http://www.lnergetixForum.com (our Forum)

http://www.iimed.info (Practitioner listing)

http://www.MedOKH.org (Spiritual Medicine)

http://www.virtualPill.net (Virtual Doctor site)

http://www.InformationalMedicine.com (Informational Medicine)

http://www.energy-medicine-international.com (online training v6, certification

director, international trainer and presenter)

http://www.coreguide.wordpress.com (online Training for v6)

http://www.youtube.com/user/coreinergetix?feature=mhee (with over 400 uploads)

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	For you complete BBR User Guide, please go to page 591 of your Training Comprehensive Manual

For professional training, you can contact Katherine Tassioulas and arrange a suitable time and date for private training.

We are able to train you one on one over the internet. Katherine's email:

health@aihh.net +61 417 360 164

This installation guide is also available on the Inergetix site:

http://energetic-medicine.com/modality/hardware-products/manual-and-guides/

Section 1 - System Requirements



INERGETIX-CoRe v6.0

SYSTEM REQUIREMENTS

These are the supported operating systems:

- Windows XP SP3 32 & 64 bit editions Service Pack 3
- Windows Vista (SP2 highly recommended) 32 & 64 bit editions
- Windows 7, 32 & 64 bit editions (SP1 is recommended)
- Windows 8, 32 & 64 bit editions
- .NET 4 is required and included in the full installation package

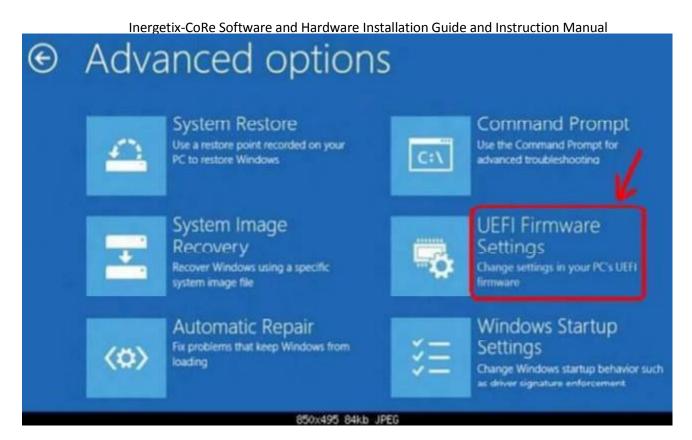
The installation can be performed only with administrative rights (an administrator account is required).

Before installing on Windows Vista, Windows 7 or Windows 8 disable completely User Account Control and leave it disabled. If you do not know how to do this, use Windows help and search for "disable User Account Control".

If your Windows 8 is 32 bit you can install CoRe no problem.

On Windows 8 - 64 bit not all the drivers will install right away so before installing CoRe it is necessary to do the following:

- Open the side bar by holding down the Windows key and pressing C
- Choose Settings / Change PC Settings / General
- Scroll down to the "Advanced startup" section and click "Restart now"
- Choose Troubleshoot / Advanced options, if you see the option shown below circled in red, click on it, the computer will restart and you will need to enter the BIOS settings of the computer in order to disable the UEFI on your computer. If you do not know how to do this contact a computer technician.



- Be aware that not all computers have this functionality therefore if your computer does not show this option just go to the next step.
- After having done this again open the side bar by holding down the Windows key and pressing C
- Choose Settings / Change PC Settings / General
- Scroll down to the "Advanced startup" section and click "Restart now"
- Choose Troubleshoot / Advanced options / Windows Startup Settings / Restart
- The PC will reboot into a menu where you can choose:
- "F7) Disable driver signature enforcement" (it means that you must press F7)
- Windows will now boot normally and will allow the installation of all the drivers.

The following operating systems are not supported:

• Windows 95, Windows 98, Windows ME, Windows NT4, Windows 2000 System requirements for each Operating System

	Windows XP		Windows Vista & Windows 7-8	
	minimum	recommended	Minimum	recommended
RAM	2 GB	3 GB	3 GB	4 GB or more
CPU	1,6 GHz	2 GHz or higher	1,8 GHz	2,4 GHz or higher

For Windows Vista, Windows 7 and 8 we recommend a computer with an i5 or possibly with an i7 processor. Free disk space 5 GB (minimum).

Screen resolution 1024*768 (minimum), 1200 * 800 or higher (recommended)

Section 2- Tech support email and Software Installation

Hello XXXX,

If you are using Windows Vista, Windows 7 or Windows 8 make sure that User Account Control is completely disabled and remains disabled.

If you do not know how to do this, use Windows help and search for "disable User Account Control".

When you are ready, before proceeding with installation of CoRe v6 please read the "v6 software installation guide.pdf" that you will find on the DVD. See it also in the next section of this guide.

For all versions of Windows use the CoRe v6 installation DVD you received (read the file called "readme.txt"), after installing it download save and install the following update:

www.energy-medicine-software.com/updates-only/CoRe6Modules 6.0.0553.exe

When the installation is complete start v6, click on File and then click on Connect to the Online Activation Service.

At this point read carefully this other document that I am sending you: "Activation procedure for new users.pdf". You will also find this document in the next section of this guide.

Below you will find the login information for the activation process:

Account name: xxxxxxxxx Password: xxxxxxxxx

If you have Windows 8 on your computer please note that some clients had to replace Windows 8 with Windows 7 in order to be able to use Core v6.

Let me know if you need my help.

Kind regards. Ezio Luccini

If you prefer to not wait for the DVD, you can download the complete software from the download website:

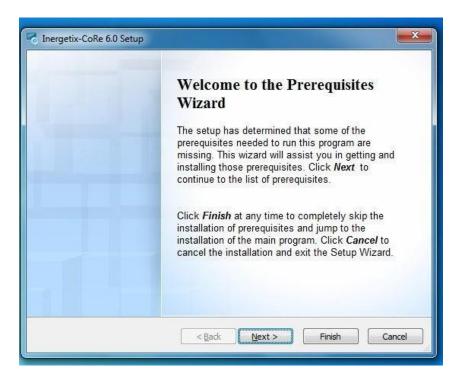
www.energy-medicine-software.com/updates/CoRe6Install 6.0.0514.exe

and also download and install the available update. You will need the user name and password which will be sent to you via email.

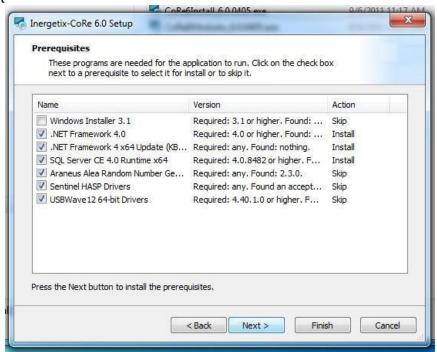
Section 3-Software Installation - CIS Informational System

INSTALLATION SCREENS

This screen will be shown after inserting the installation DVD in the computer:



Click "Next"



Click "Next" to start the installation of the prerequisite software modules. The installation will continue with the following screens

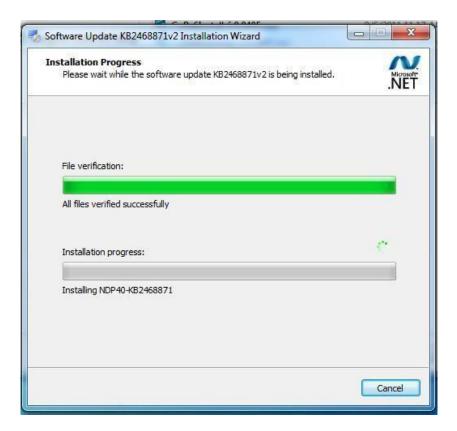




Click "Next"



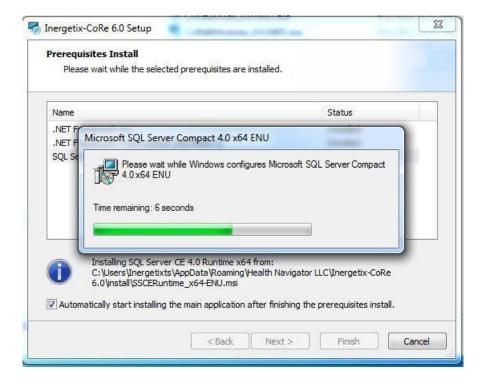
Click where the red arrow points to and then click "Next"



The install process might remain on this screen for up to 3 minutes. Be patient



Click "Finish", and the other prerequisite software will install

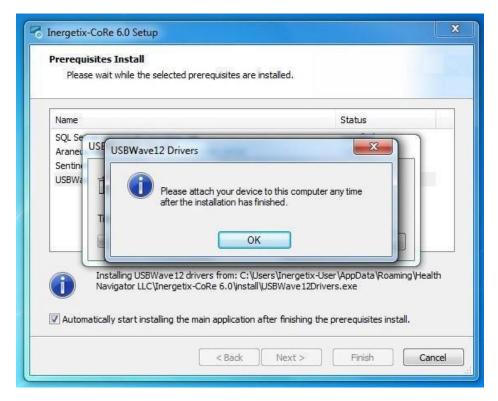


Whenever the following screen appears....



....always click "Install this driver software anyway"

The installation will continue and the following screen will appear



Click "OK"

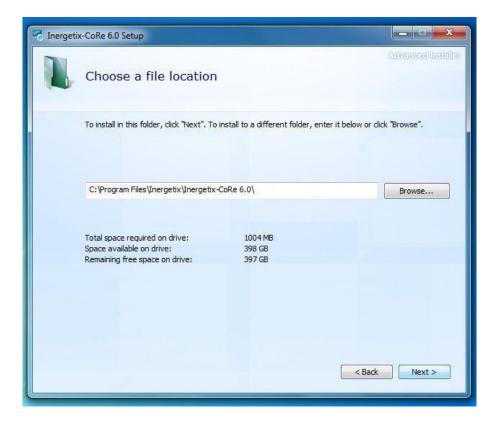
When the prerequisites software is finally installed the installation of Core 6.0 starts



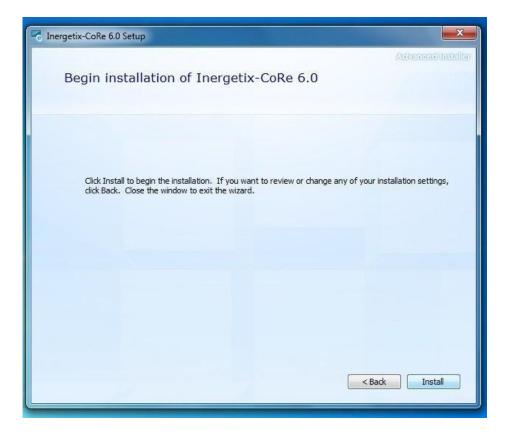


When this screen appears click "Next" to continue

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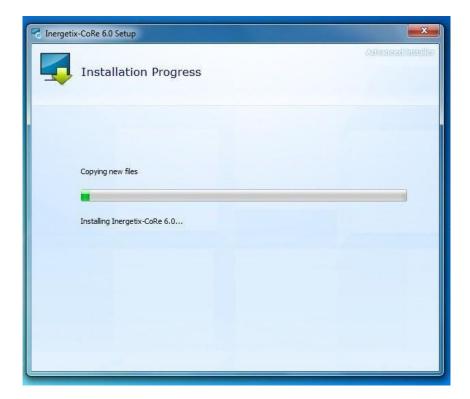


Click "Next"

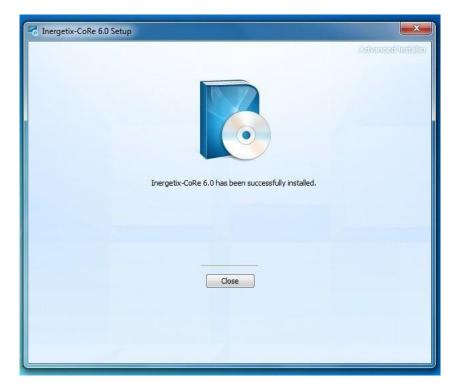


Click"Install"

Inergetix-CoRe Software and Hardware Installation Guide and Instruction Manual This screen will appear showing the installation progressing



When the following screen appears click "Close" the installation is complete



You can now insert the license key and the hologram generator in the computer and start CoRe version 6.

Windows 8.1 requires a new license key driver (Sentinel Runtime: HASP 6.60)

Do not insert the license key into a USB port of your computer before you have installed the new driver!

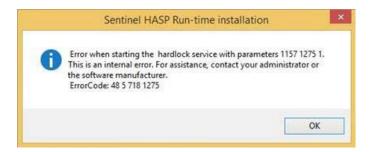
Here is the link to download it:

www.energy-medicine-software.com/updates/Exe/HASPUserSetup.exe

Double-click the downloaded file HASPUserSetup.exe file and follow the instructions on your screen.

8.1 computer

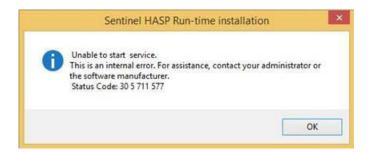
If during installation of the CoRe V6 software, the following warning message is shown ...



1. Do not insert the license key into a USB port of your computer before you have installed the new driver! If you do insert the license key into your computer, you will get the following warning message:



2. Double-click the downloaded file HASPUserSetup.exe file and follow the instructions on your screen. You may get the following error during installation.



- 3. If this happens double-click the HASPUserSetup.exe file again. The Hasp driver should now install without problems.
- 4. To run the CoRe v6 software, insert the license key into a USB port of your computer and wait until a red light appears in the key before you start the program.

Upgrading Windows to 8.1 on a computer with CoRe V6

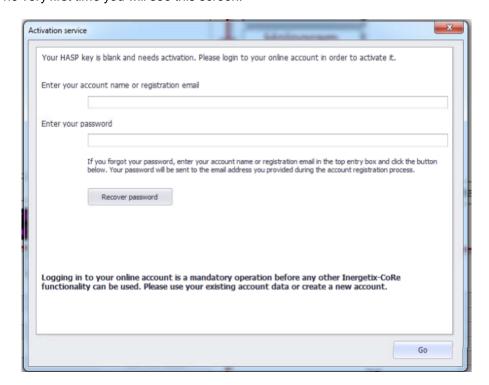
If you have CoRe v6 installed on a computer with Windows 8.0 (or earlier), and upgrade to Windows 8.1, you see a warning that Sentinel Runtime should be removed. Installation of Windows 8.1 only continues after the old driver for the license key is removed. Follow the steps below to install the correct driver:

- 1. Remove the license key from your computer and do not insert it before you have installed the new driver.
- 2. Open the Control Panel and go to Programs and Features.
- 3. Select Sentinel Runtime and click Uninstall.
- 4. Continue with installation of Windows 8.1.
- 5. Double-click the downloaded file HASPUserSetup.exe file and follow the instructions on your screen. You may get an error during installation. If this happens double-click the HASPUserSetup.exe file again. The Hasp driver should now install without problems.
- 6. To run CoRe v6, insert the license key into a USB port of your computer and wait until a red light appears in the key before you start CoRe v6.

Section 4- Activation procedure for new users, (as at July 2012)

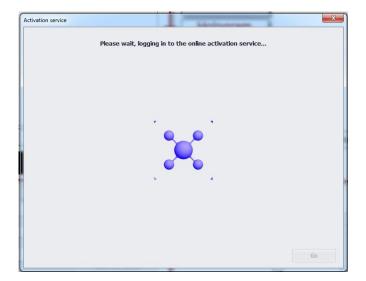
After having installed CoRe v6, insert the license key and the hologram generator in the computer. Make sure that the computer is connected to the internet.

Start v6. The very first time you will see this screen:

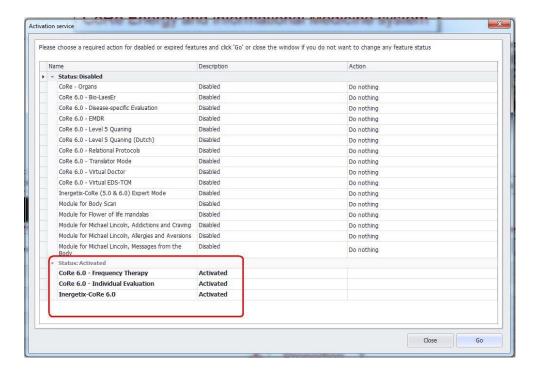


The account activation information will be emailed to you by your sales representative. It will include the "account name" and the "password" needed to activate your CoRe v6.

Type in the account name and the password and click on "Activate", this screen will appear:



When the activation process is completed, this screen will appear showing the currently activated modules:



After having clicked on "Close", you will be able to use Core v6.

If you have any questions reach our technical support at:

Ezio Luccini Technical Support

ph:+1530-362-4116 Skype ID: eluccini.techsupport support@healthnavigator.net

Section 5- Cyber Anatomy Body Scan - Installation Letter

You will receive an email from tech support as follows:

Hello XXXXX,

Before installing the Cyber-Anatomy software make sure that User Account Control is completely disabled. If you do not know how to do this, use Windows help and search for "disable User Account Control".

If you do not disable User Account Control Cyber-a might not activate.

On the DVD you received from us you will find the guide to install and activate Cyber- Anatomy. It is called the "Cyber-Anatomy installation guide-DVD.pdf".

Remember that the email address that you must use to activate your

license is: healthnavigator@cyber-anatomy.com

Your instance number to activate your Cyber- Anatomy license is:

xxx-xxx-xxx Let me know if you need my help.

Kind regards.

Ezio

Cyber Anatomy Guide

Cyber-Anatomy 3D BODY SCAN is a new functionality available in CoRe 6.

It is composed of two parts: the Cyber-Anatomy 3D Viewer and the new screen called Body Scan.

Installation of the Cyber-Anatomy 3D Body Scan module will disable the Organ module.

CYBER ANATOMY WILL INSTALL AND FUNCTION CORRECTLY ONLY IF USER ACCOUNT CONTROL IS COMPLETELY DISABLED.

To install the Cyber-Anatomy 3D Viewer you can either use the installation file "CA.3.4b.459.exe" located on the CoRe V6 installation DVD, or if you do not have the installation DVD you can download the installation package using this link:

http://dev.cyber-anatomy.com/Distributable/CA.3.4b.459.exe

Once you have the software installation package and started the installation you will be presented with the screens shown below.

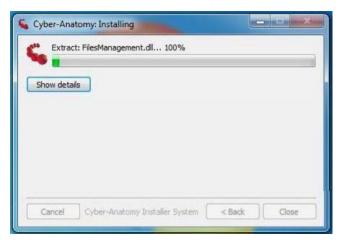
The first screen to appear is this one:

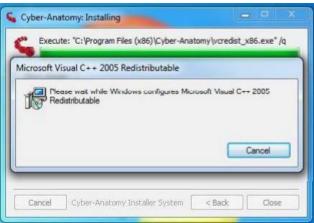


Followed by:

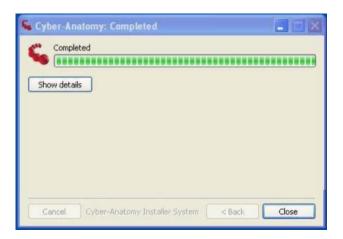


Click on "install" to proceed, then the following screens will be shown



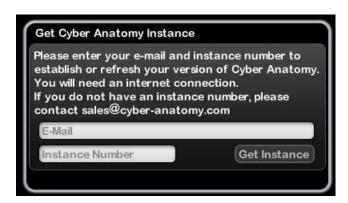


When the software installation is complete this screen will appear



Click on "Close" to finish the installation.

What remains now to do is the activation of Cyber-Anatomy 3D Viewer. Once you start Cyber-Anatomy this screen will appear:



Where the screen shows "E-Mail" you will now type in the following email address: healthnavigator@cyber-anatomy.com

On the line where "Instance Number" is shown, type in the code that you will have received from your sales representative. Please note that each code can be used only once. If you need the Body Scan on additional computers, you will need to purchase additional licenses.

Lastly click on "Get Instance" to complete the activation of Cyber-anatomy 3D Viewer. There is additional data to be added to Cyber-Anatomy. From the CoRe V6 installation DVD copy onto your computer the files below or download them using these links:

```
www.energy-medicine-software.com/updates-only/VisibleHuman_v3.4_zoom1.zip (624 MB)
www.energy-medicine-software.com/updates-only/VisibleHuman_v3.4_zoom2.zip (272 MB)
www.energy-medicine-software.com/updates-only/VisibleHuman_v3.4_zoom3.zip (153 MB)
www.energy-medicine-software.com/updates-only/VisibleHuman_v3.4_zoom4.zip (60 MB)
You need to extract the content of the 4 files into a folder on your computer.
```

If you right-click on the files and then select "Extract All...", it will create a folder called

```
"VisibleHuman_v3.4_zoom1" for the first 
"VisibleHuman_v3.4_zoom2" for the second 
"VisibleHuman_v3.4_zoom3" for the third 
"VisibleHuman_v3.4_zoom4" for the fourth
```

Inside the 4 folders you will find in the same order the following four folders:

zoom1 zoom2 zoom3 zoom4

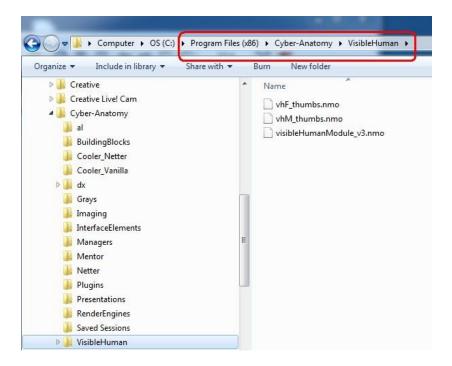
Copy the four "zoom" folders to the Cyber-Anatomy folder:

"Program Files\Cyber-Anatomy\VisibleHuman"

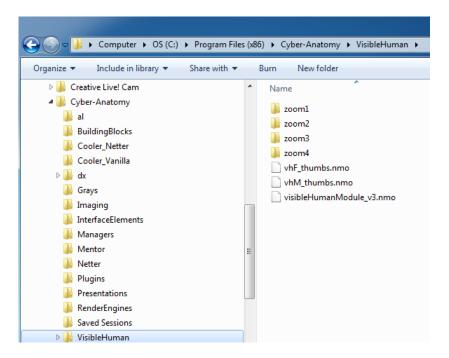
Or if you use Windows 64bit, to the folder:

"Program Files(x86)\Cyber-Anatomy\VisibleHuman"

This is what the folder will look like before copying the 4 folders:



And this is what it should look like after copying the 4 folders:



You will find a copy of the Cyber-Anatomy user guide on the CoRe V6 installation DVD or otherwise you can download it using this link:

http://www.energy-medicine-software.com/updates-only/CyberAnatomy-UserGuide.pdf

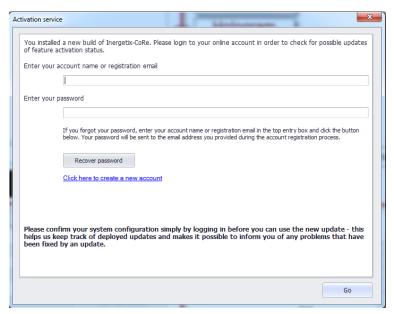
For any question send an email to our tech support: support@healthnavigator.net

<u>Section 6 - Software Updates & Online Activation Service</u> (OAS)

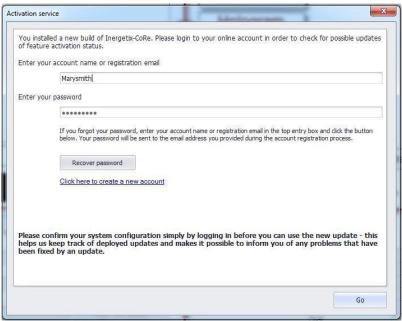
Starting with the CoRe version 6 update build 500 it is necessary that users connect at least once to the <u>Online Activation Service</u> after every update. You must therefore be connected to the Internet the first time that you use version 6 after every update.

Please note that this DOES NOT imply that you must always be connected to the Internet when you use CoRe v6 at a later time.

Upon starting CoRe v6 the following screen will be shown:

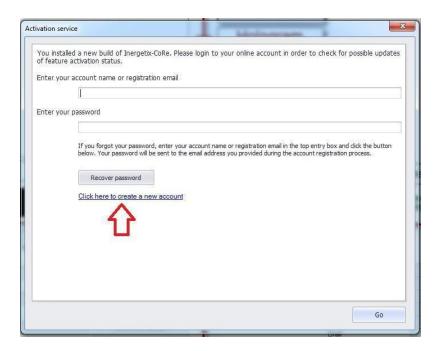


If you already know your Account name and Password proceed typing them in like in the example below and click on "Go"

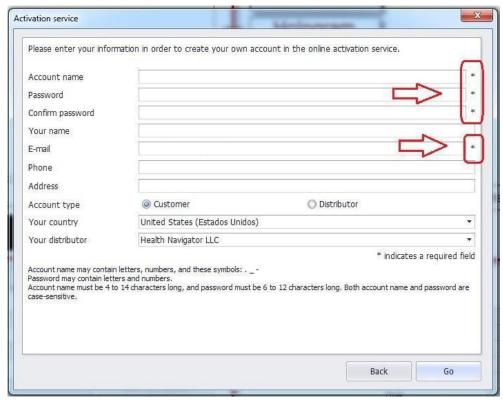


If you have forgotten your password you can type in your "registered email address" and click on "Recover password" and it will be emailed to you.

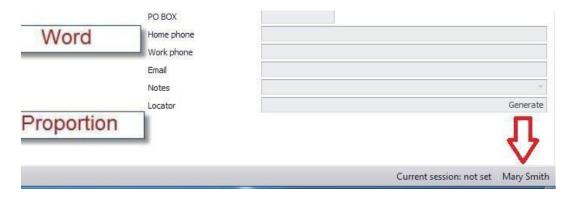
If you have never registered with the Online Activation Service you must click on "<u>Click here</u> to create a new account" like it is shown below



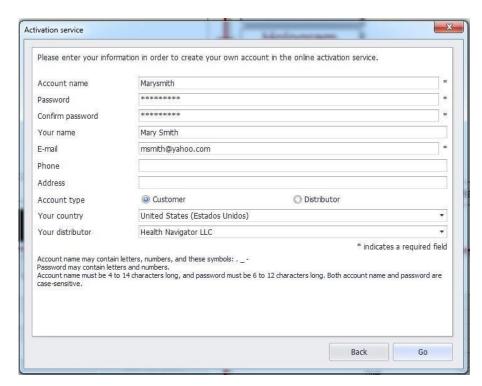
The following screen will appear next



All the choices that have an asterisk must be filled in. Be aware that the choice "Your Name" will become your new user ID in CoRe v6 and it will appear in the bottom right hand side corner of the v6 initial screen like in the example below

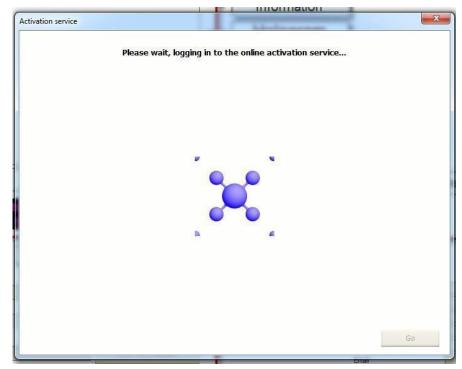


Here is an example with the data of a fictitious user

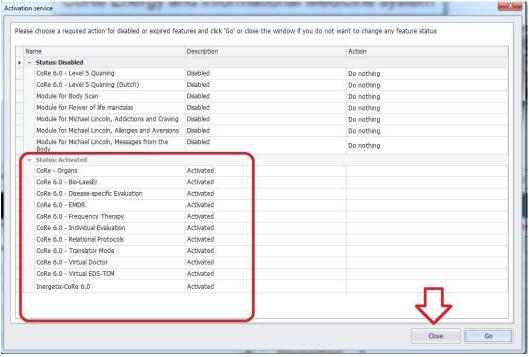


Remember to choose your country and distributor. When you are finished click on "Go". At this point you will be connected to the Online Activation service and the following screen will appear

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After the successful registration you will be shown which v6 features are activated on your computer, see the screen below



In the section "Activated" you will see the currently activated features. Click on "Close" and proceed to use CoRe v6 as usual.

If you have any questions reach our technical support at: support@healthnavigator.net

<u>Section 7 - Hardware Installation CIS - CoRe Informational System</u>

Hardware Components CIS system includes:

- Software DVD or download
- Software HASP Key
- Hologram Generator

Connect key and hologram generator to USB ports in your computer or extension hub if not enough ports are available.



 100,000 item database including: Single Evaluation, Relational Protocols, Custom Protocols, Virtual Doctor, Auto-communication, Report Generator

Comprehensive downloadable Training Manual will be sent separately.

Key and hologram generator connected:





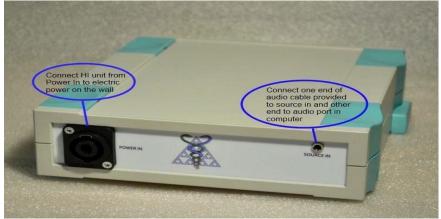
REMEDY IMPRINTER: Remedy imprinting is done informationally with your license number printed on a label and placed on the back/bottom of the remedy imprinter provided. Some users have the RITU (resonant information transfer unit – see picture below) which connects with an audio cable but the connection is not necessary. New users have a different remedy imprinter that requires no connection as long as the license number is affixed to it



<u>Section 8 – Hardware Installation S1 – CoRe Basic Biofeedback-Rife System S1 system includes:</u>

CIS software, key, hologram	-Install CIS software, key and	-Single Frequency will be
generator	hologram as indicated in	activated when you connect
+ Cyber Anatomy Body Scan,	section 3.	to the Online Activation
+ Single Rife Frequency	-Install Cyber Anatomy as	Service.
Program	indicated in Section 5.	
Hardware: Health Integrator, Pair of stainless steel electrodes, foot plate, flexible conductive mat	Health Integrater 100 0	

- Connect the activation key and hologram generator to available USB ports on the computer.
- 2. Note: If there are no USB ports available a USB Hub could be used
- 3. Connect the **Health Integrator** to the **computer** using the audio cable provided: one end connects to the audio output jack on your computer and the other end to the audio connector in the back of the Health Integrator called <u>Source IN</u>.
- 4. Connect the power cable to the electrical power on the wall.



- 5. Connect the <u>stainless steel hand electrodes</u> to **CH1 or 2** and **REF** of the Health Integrator or
- 6. Connect the <u>stainless steel foot plate</u> to **CH1 or 2** and **REF** of the Health Integrator and use the <u>flexible Mat</u> on **CH2** which can be placed on the back or the front of the body.
- 7. The feet are placed on the foot plate or the lower legs can be placed on the foot plate if the person is lying down.

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Note: Make sure everything is snug and properly connected

- 7. Optional speakers could be connected to the Health Integrator via the Light Therapy connector. Important: Please use either small speakers (such as headsets) or use speakers that have their own power supply.
- 8. Remedy imprinting takes place informationally with the stainless steel foot plate which has a label with the user's license number affixed to it. If the label is placed on the Health Integrator, remedy imprinting can take place in that way as well. The bottle or physical substrate is placed on top of the devices and imprinting is done through the software.

The Health Integrator can be used to attach any magnetic, electric or light applicator using the connectors labeled Magnetic Therapy, Electric Therapy and Light Therapy respectively. Please see our product catalog to add a Magnetic Disc or Magnetic full body mat for pain and inflammation relief or detoxification as well as LED pad with red/infrared light for pain and inflammation and LED Mind Resonator glasses for balancing the 2 halves of the brain.

The Health Integrator is used to broadcast frequencies selected by the CoRe software module called Single Frequency Therapy or Disease Specific Evaluation (pre-programmed RIFE frequencies) up to 20 KHz. Frequencies can be broadcast via sound as well as electro- magnetism with the foot plate and the stainless steel hand electrodes.

<u>Section 9 – Hardware Installation S2 – CoRe</u> Advanced-Biofeedback-Bioresonance-Rife System

Features & Applications:

- ◆ Software to analyze and balance informationally as in the CIS and S₁ systems
- ◆ Remedy imprinting with electro-magnetic charge with the Navigator and BioLaesEr,
- ♦ 3D Cyber Anatomy CoRe Body Scan evaluate and balance organs & body systems
- ◆ Energetic therapy with Single Channel pre-programmed Rife frequencies and DUAL Frequency (specific to client & 2 frequencies at a time for more healing) up to 20 KHz.
- ◆ EMDR (Eye Movement Desensitization & Reprocessing) visualization tool
- ◆ The NAVIGATOR allows for manual adjustment of amplitude via the 2 knobs to match the sensitivity of the client for electrical output they can feel
- ♦ The dual <u>Frequency Program as well as some future advanced software modules</u> will be made available only to Health Navigator owners.
- ♦ It also includes the BBR system with all its components.
- ◆ Comprehensive system that fully integrates informational and energetic therapies with bioresonance recommended for professional use.
- Recommendation to increase your treatment possibilities:
 - Have the CoRe software and Navigator on one desk or room to do informational evaluations, to imprint remedies and to balance with Rife Single Channel or Dual Channel Frequency Therapy.
 - Have the BBR system on another desk or room to treat energetically with Eigen-(self) frequencies as well as other applicators.

Components:

1. All components of CIS software + →





3. Pair of Stainless Steel Electrodes



4. Bioresonance-LaesEr

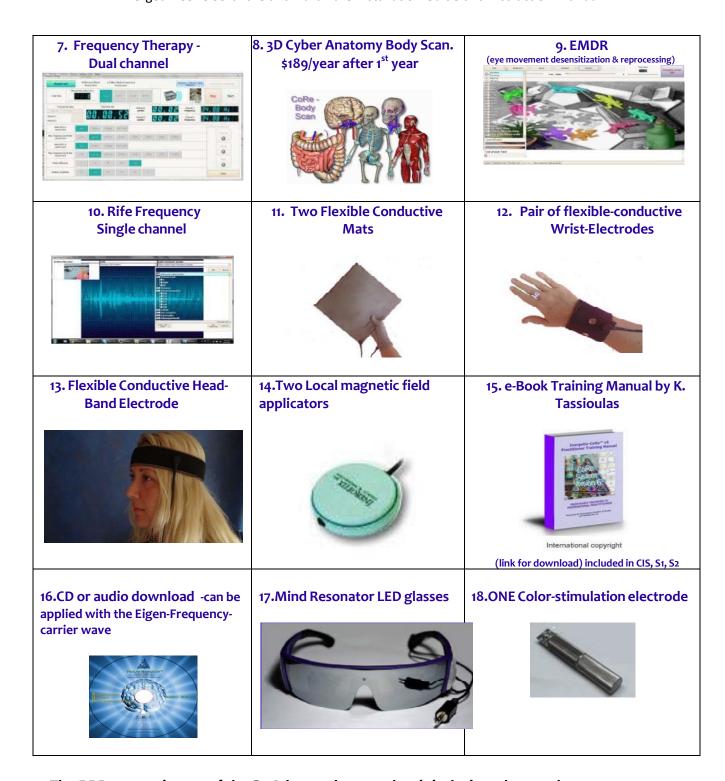


5. Integrator



6. Stainless Steel Footplate / substance imprinter





The BBR system is part of the S2 Advanced system but it is designed to work as a standalone energetic and bioresonance system. The BBR set up is explained in the links provided in Section 10.

Below we explain the set up of the S2 system software with the Health Navigator and some electrodes.

You can have the S2 software and the Health Navigator in one office and the BBR in another office.

S2 system set up with Health Navigator only

This set up is to be used with the CoRe software program called Single Frequency Therapy or Disease Specific Evaluation (RIFE frequencies) as well as with the Dual Frequency Therapy panel.

The Health Navigator is run via these software frequency screens.

1. Connect the **Health Navigator** to a power supply. Connect the power cable and turn the switch to the ON position:



2. Connect the **Health Navigator** to the **computer** using the audio cable provided. One end connects to an audio output/headphone jack on your computer and the other end connects to the **Health Navigator** connection on the back labeled *SOURCE-IN*:



3. Health Navigator with Stainless Steel electrodes



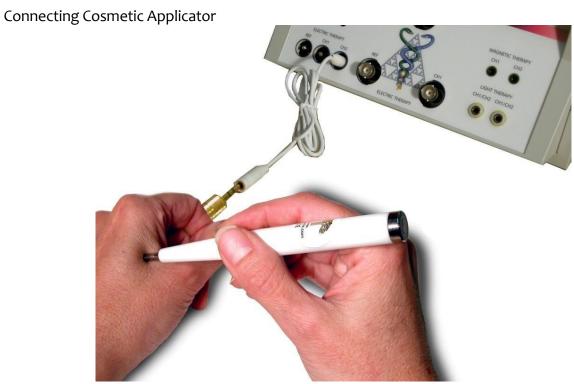
Securely place the blue end of the cables into Ref and CH1, place the stainless steel end of cable into the stainless steel electrode



4 Connecting speakers. Speakers connect to the MONITOR CONNECTION CH1/CH2 connections: (speakers not included)

If you are using single electrodes plug them to the connector labeled CH2 in the electric therapy panel of your Health Navigator:





Connecting Acupuncture Applicator

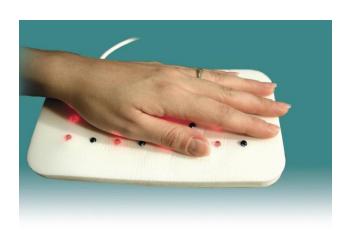
6 Connecting Magnetic applicators to Health Navigator

Connect any Magnetic Applicator to either CH1 or CH2 to the Magnetic Therapy panel in your Heath Navigator.



Connecting Spatial Pulse applicator for neck applications

7 LED Pads

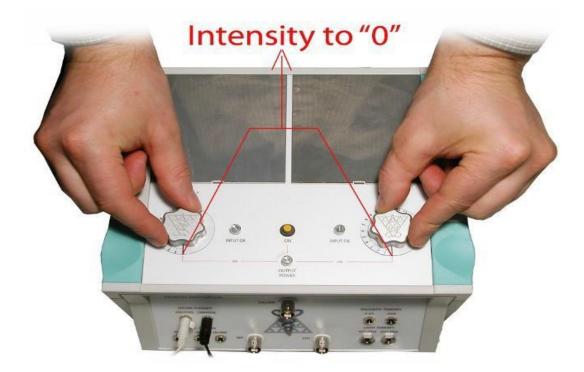


Use the LED pad with resonant, client-specific frequencies generated by the CoRe system's Health Navigator with dual-channel technology that promotes the creation of very effective DLE frequencies.

- 1. Plug the LED cable into either connector labeled CH1/CH2 in the Light Therapy panel of your Health Navigator. The right channel is controlled by the left knob; the left channel is controlled by the right knob.
- 2. Place the LED pad on the affected body part and secure it with a Velcro strip.
- 3. Select the frequencies to be used from the Frequency Programs, Resonant or Biofeedback Frequency screens of your CoRe system.
- Apply the light frequency therapy via de LED pad to your individual client according to his/her needs and condition.

Our Health Navigator complies with international safety standards.

- Make sure the Health Navigator is connected to the power source and that the power switch on the back of it is ON (see fig. 2)
- Set both Intensity knobs to "0"



• Press the *ON* button. The yellow *OUTPUT POWER* light should turn on and then the two green *INPUT OK* should turn briefly on indicating that the device is ready to use.



• The Health Navigator is ready to use. Set the intensity to your desired value for the channel in use. For electric therapy the intensity is set to a point where a slight but definite sense of tingling is experienced. With the magnetic or LED light array applicators the intensity on both channels can be generally set to 14V. Adjust the knobs according to the sensitivity of the client.



The flexible conductive wristbands, headband and mat as well as the stainless steel hand and foot electrodes utilize the 6' cables ending on female connectors and plug into the **electric therapy** panel on the Health Navigator.

The LED EYE glasses connect to the Light Therapy Panel.

The Magnetic Applicators connect to the Magnetic Therapy panel.

The LaesEr device connects to the Health Integrator (see BBR system installation guides)

For help with installation, please email:

support@healthnavigator.net

or call Technical support: 1 (530) 362-4116

CoRe software and Health Navigator

The **Single Frequency Therapy** screen (Disease Specific Evaluation) contains about 1000 conditions with RIFE's pre-programmed frequencies for those conditions. These are general frequencies for anyone with a particular condition. This screen can be used with the Health Integrator and the Health Navigator.

Select the conditions you want to treat and click RUN to simply run all the frequencies selected. The sound card of your computer will generate sound which will be transformed into any other energy carrier that you have active having connected a particular applicator such as hand electrodes, foot plate, LED pad, LED Eyeglasses, Magnetic Disc, etc.

You can also evaluate the selected frequencies if you have many of them or are combining certain conditions to get the top 10 resonant frequencies. Add to the report that you will compile and then click on Run Frequencies. See more detail on this in your Comprehensive Training Manual or in the coreguide.wordpress.com site.

The **Dual Frequency Therapy** screen is only available to users of the Health Navigator. Access this screen if you have access to it from Methods, Frequency Therapy or from your Session report. You will broadcast the resonant frequencies using the sound card of your computer generating sound which will be transformed into any other energy carrier that you have active having connected a particular applicator such as hand electrodes, foot plate, LED pad, LED Eyeglasses, Magnetic Disc, etc.

To learn more about the features and advantages of these two frequency programs, please see your Training Manual or the CoRe Guide site.

Remedy Imprinting with Health Navigator

The Health Navigator works as a remedy imprinting which adds a magnetic charge to your remedies.

Select the remedies you want to imprint from the report or from the manual entry in your software program.

Place the remedy bottle or other physical substance on top of the Health Navigator. Switch it ON in the back and on the front. Turn the knobs to 3 or 4 Volts.

In your software program, click INFORM to tray.

Your license number should be placed on a label underneath the Health Navigator as well.

For help with installation, please email: support@healthnavigator.net or call **Technical support:** 1 (530) 362-4116

Section 10 - Quick step by step client session

Starting out, Quick, Step by step Basic session

(for a comprehensive explanation please use your training manual starting at page 70)

- 1. Double Click on the Icon of the Program on your computer
- 2. Click on Select Client/Session
- 3. Enter Client details
- 4. Enter client pictures
- 5. Enter receptors
- 6. Create a new session
- 7. Enter therapy issue
- 8. Enter filters
- 9. Save and select
- 10.Go to Evaluation on top toolbar
- 11.Click on Individual Selection
- 12. Click on Module Selection
- 13.Click OK
- 14. Select from the top 2 groups, write down what the second group is so you don't forget
- 15.Go to drop down menu, select All, Evaluate
- 16.Click on back to selection screen, select the next most resonant module that was selected
- 17. Highlight it, Click OK
- 18.Go to dropdown menu, select All, Evaluate
- 19. Click on back to selection screen,
- 20. Choose another module that you would like to evaluate, Click OK
- 21. Click on the dropdown menu, select All, Evaluate
- 22. Go to the top left side of screen, Click on Compile Report

- 23. When this sub menu is displayed, Click on take top 2 resonances for every evaluation (the one on the right, DLE)
- 24. Click on Single Communication/information
- 25. Click on centre top tool bar, client, receptors, tray,
- 26. Bottom right side, Click on message from your therapist, enter details
- 27. Click on begin communication
- 28. When this finishes, Click on top red X to close screen
- 29. Click on set up and run Auto communication
- 30. Click on start on date, choose the date and finish on date
- 31. This will automatically start the Auto communication for the desired dates
- 32. Minimise the screen
- 33.Click on Generate Report, this will show you what the system has generated in a report
- 34.AT THIS POINT YOU WILL NEED TO HAVE YOUR HARDWARE CONNECTED TO THE COMPUTER TO ALLOW THE FREQUENCY THERAPY
- 35. Click on Frequency therapy on the top tool bar of the report screen
- 36.On the far right of the screen on the top tool bar, Click on scan for resonant settings
- 37. The system has then chosen the most resonant settings for this session
- 38.Check on the amount of time the session has assessed this needs to run for and make an adjustment with the time if needed
- 39. Go to the right side of the screen and tick record frequencies
- 40. Press start, when finished Click on close
- 41.Go to CoRe Main Screen and Click on Methods, Click on Organs
- 42. Click on organs again, select the group and then the subgroup
- 43. Tick in the desired organ part
- 44. Set treatment time
- 45.Click start treatment

Section 11 - Applicators user guide/magnetic

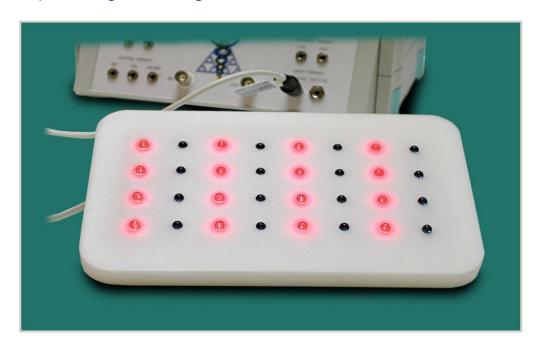
See comprehensive guide here: http://coreguide.wordpress.com/hardware/magnetic-applicators/

Magnetic Duo Full body mat (full body) optional - for low pulse electro-magnetic balancing, requires Navigator or Integrator	mMAT	
Magnetic Local Disc applicator- in BBR & S2 for low pulse electro-magnetic balancing, requires Navigator or Integrator -for localized small applications	mDISC	
Magnetic Spatial Pulse applicator Solenoid optional - for neck, extremities - for low pulse electro-magnetic balancing, requires Navigator or Integrator	mPULS	
Magnetic Shoulder applicator & orthopedic extension optional - for neck and shoulder applications - low pulse electromagnetic balancing, requires Navigator or Integrator (while supplies last)	mSHL	
Magnetic Paddy applicator optional - smaller applications, spine, extremities, etc) - low pulse electro-magnetic balancing, requires Navigator or Integrator (while supplies last)	mPAD	

Other APPLICATORS

Soft-Flex LED Pad - LED Light Array Pad - http://coreguide.wordpress.com/hardware/soft-flex-led-pad/

For pain, inflammation, speeds up healing - 16 red/16 infrared lights - 2 are recommended – requires Navigator or Integrator



Other APPLICATORS

Mind Resonator LED Eyeglasses

http://coreguide.wordpress.com/hardware/mind-resonator-led-eyeglasses/

included in BBR & S2, requires Integrator or Navigator. It creates interference of 2 polarities with 2 frequencies in synchrony via CoRe software to balance both sides of the brain creating binaural beat, also blue rays have stimulating biological effect.



<u>Section 12 - BBR - Biofield-Bioresonance-Rife Therapy System</u>

- All available guides are here: http://coreguide.wordpress.com/hardware/bbr-system/
- Please see videos and more in our Bioresonance site: http://bioresonance-laeser.com

Components:



Simplified BBR Installation Guide:

LaesEr and Health Integrator in the back:





- Laeser power out connects to HI power in.
- Laeser **signal out** connects to HI **source in**.
- Laeser source in connects to computer headphone/audio output.
- Laeser **power in** connects to **electric outlet.**
- Laeser monitor out connects to microphone IN of laptop used to record body frequencies (software for this purpose in process of development)

LaesEr and Health Integrator in the front:

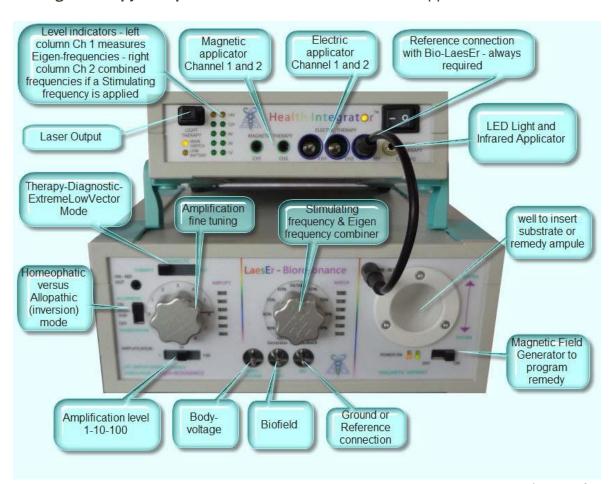


• **Body voltage:** for stainless steel foot electrodes, flexible mat, wristband or headband if doing Bioresonance therapy

- **Biofield:** for right or left stainless steel foot electrode when doing Biofield detection
- Ref: for right or left stainless steel foot electrode if doing Biofield detection or Bioresonance therapy
- HI REF: connects with small male to female cable to the HI port called REF

Health Integrator in the front:

- **Electric therapy panel CH1 and CH2:** connect to flexible mat, flexible wristbands or flexible headband.
- Magnetic therapy Panel CH1 and CH2: connect to Magnetic Disc or any other magnetic applicator
- Light Therapy CH1 and CH2: connect to LED pad or Mind Resonator LED eyeglasses
- Light Therapy on top left corner: connect to future laser applicator



BBR's main features

Section 13 - BBR in Detail

As you can see there is a wealth of information on the BBR system, and our aim for this small installation and instruction manual is to keep it small.

Please visit http://bioresonance-laeser.com/ for videos and instructions

Also you have a comprehensive training manual sent to you with your purchase which is over 600 pages, please refer to that should you need more information.

BBR system

BIORESONACE - BIOFIELD - RIFE THERAPY SYSTEM

BBR Installation Guide

- BIOFIELD BIORESONANCE RIFE THERAPY SYSTEM
- Connecting your BBR system:
- LaesEr and Health Integrator in the back:





- Laeser **power out** connects to HI **power in**.
- Laeser **signal out** connects to HI **source in**.
- Laeser source in connects to computer headphone/audio output.
- Laeser **power in** connects to **electric outlet.**
- Laeser **monitor out** connects to microphone **IN** of laptop used to record body frequencies (software for this purpose in process of development)

LaesEr and Health Integrator in the front:



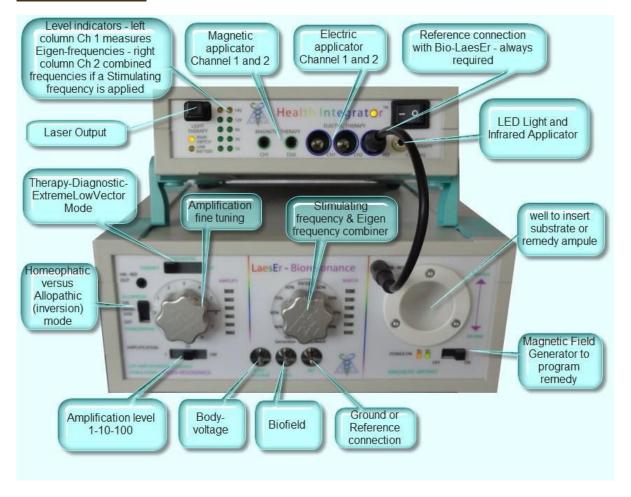
- **Body voltage**: for stainless steel foot electrodes, flexible mat, wristband or headband if doing Bioresonance therapy
- **Biofield**: for right or left stainless steel foot electrode when doing Biofield detection
- **Ref**: for right or left stainless steel foot electrode if doing Biofield detection or Bioresonace therapy
- HI REF: connects with small male to female cable to the HI port called REF

Health Integrator in the front:

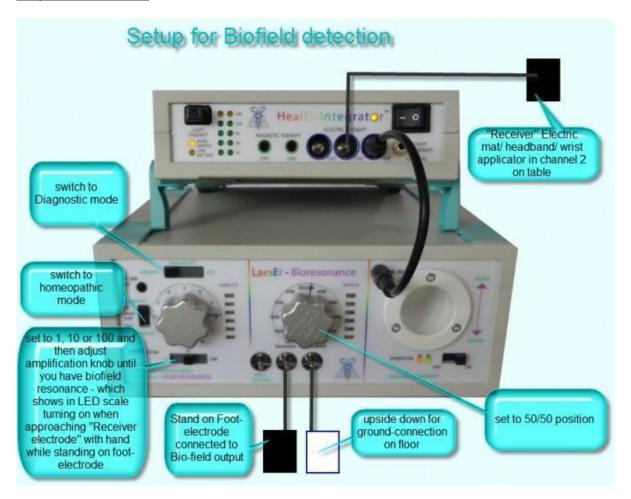
- **Electric therapy panel CH1 and CH2**: connect to flexible mat, flexible wristbands or flexible headband.
- Magnetic therapy Panel CH1 and CH2: connect to Magnetic Disc or any other magnetic
 applicator
- Light Therapy CH1 and CH2: connect to LED pad or Mind Resonator LED eyeglasses
- Light Therapy on top left corner: connect to future laser applicator

Batteries: are not required, optional. If used, they will be used up fast.

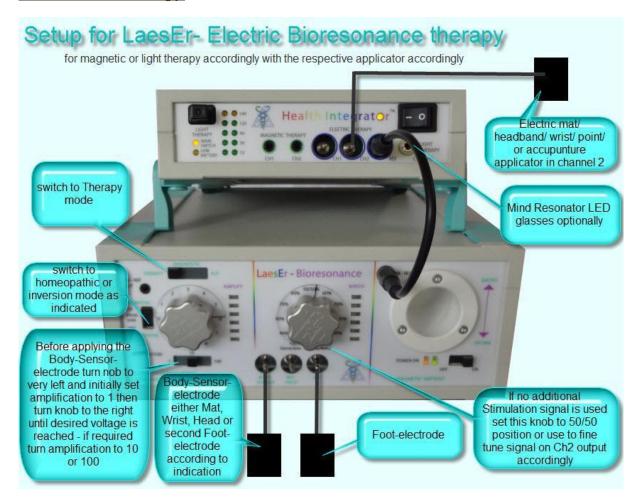
Button Functions



Biofield Detection



Bioresonance Therapy



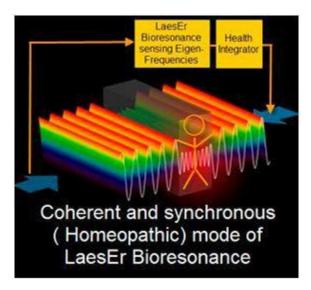
Energetic Homeopathic Therapy consists of providing a persons' own frequencies in a biofeedback loop without any inversions or additions to their individual frequency.

Steps to take:

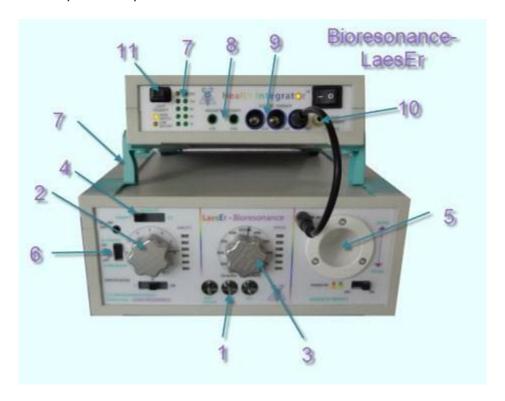
- 1. Switch Inversion off (puts the system into homeopathic mode)
- 2. Switch Stimulating frequency and Eigen frequency combiner to the lowest setting (this determines how much voltage goes to the client's electrodes)
- 3. Set amplification level at 1
- 4. Set Diagnostic in Therapy mode

- 5. Connect body-sensor electrodes to the client. Two electrodes are required to close the circuit.
- 6. Connect electric applicator
- 7. Increase the amplification on the Amplification fine tuning dial and look for illumination on adjacent amplification scale. If there is none increase the amplification to 10. If there is still no illumination increase amplification to 100. If the orange light on the adjacent amplification scale is illuminated turn the Amplification fine tuning control down until it is not illuminated.
- 8. Adjust the Stimulating frequency and Eigen frequency combiner to determine the voltage delivered.

Notes: Some clients may find it beneficial to adopt a position of crossing arms across the body and curling up. Do not interact with the client while they are having this treatment. Electric Homeopathic Therapy may be performed without connection to the computer.



BBR System explained



Bioresonance has been has been used as complementary therapy since about 40 years. Traditional approaches had good results but lacked a working model that was acceptable to established science and was also not able to demonstrate any working energies with conventional measuring devices.

The Bioresonance-LaesEr works with the latest but nevertheless conventional measuring technology to read electrical signals from the body of the client, amplifies them and optionally inverts or modulates them with secondary information or frequencies and sends them back to the client's body. The involved processes are measurable at any point and energies that are fed back are sensible. It is no longer necessary to use unproven and unverifiable concept like "subtle energies" to explain the working mechanism.

Moreover the Bioresonance-LaesEr has the following useful additions:

1. Biofield detection – this allows measuring the relative extension of the Biofield. This has never been verifieable before by conventional technology in a reproducible way. The Biofields of different people can be compared, it is possible to show the effect of different postures and gestures, as well as relative changes to momentary energetic states. Also the frequencies connected

to the Biofield feedback can be recorded or instantly distributed to connected patients. http://energetic-medicine.com/modality/biofield/

- **2. Signal-amplification** signals can be amplified selectively up to several hundred thousand times which makes it possible to read frequencies even from energetically very weak or insulated points, as for example the feet. Correct amplification can easily be checked via the left LED bar.
- **3. Client Frequency Modulation -** it is possible with an external signal that can be provided by the CoRe software or a recorded mp3 file. This means the signal fed back to the client is composed of his own frequency pattern as the carrier and the healing information frequency. The proportion of the two signals is adjustable with the middle knob at any desired proportion. This combination of Frequency therapy and Biofeedback therapy is new in that it increases receptivity of healing frequencies by magnitudes as the body's energetic system allows frequencies to enter without an energetic immune reaction. This is easily verifiable sensibly as voltages as low as 1 Volt are felt strongly.
- **4. Diagnostic Mode** allows to see electro-cardio as well as other electric signals of the clients body either on the LED panel or via the monitor output and attached computer or make them audible
- **5. Substrate-information -** it is possible via an integrated magnetic field generator that creates a measurable field, in the substance as well. Any substrate that contains magnetize-able particles can thus be used to store client and/or healing frequencies. When using liquids it is recommended to add a few drops of colloidal minerals for this purpose.
- **6. Inversion of client-signals -** is possible and thus creates what we call an allopathic energetic bioresonance treatment. Just as with drug-based allopathic therapy, this is often experienced as more violent, it can however be curative if the patient's pathology indicates stagnation or therapy resistance. However the starting mode of treatment that is also unique to the Bioresonance-LaesEr is the "energetic homeopathic" mode in which the client signal is returned simply amplified but otherwise unchanged. This mode is showing unparalleled potential as it is often sensibly experienced as a self-affirmation and leads often to an almost meditative state with increased Self-awareness.
- **7. Monitoring -** of the amplified signals that are used for treatment or for magnetic information is possible with an output at the back that allows recording via any audio-recorder or display on a conventional oscilloscope.

plus

The CoRe system is based on the concept of **DLE**, **the Dynamic Labile Equilibrium**, as its main principle. Life has to be lived between polarities – if we exclude polarity, disease will set in – for the same reason we have two eyes and two halves of brains.

In the Bioresonance LaesEr this principle is integrated in and we can apply electric, magnetic and light signals always with 2 channels where the C1 (left bar and left knob) carries exclusively the signal of the client whereas C2 (right LED bar and middle knob) carries the client signal modulated with the signal from an external source.

(For Biofeedback therapy with client signal alone the middle knob functions as a fine tuner for the signal intensity if the feedback electrode is connected to Ch2 of the Health Integrator)

8. Magnetic therapy with client specific frequencies is possible if applicators are connected here. It is a new and unique approach to use magnetic frequencies in a feedback loop – which allows the person's own frequency pattern to be used for magnetic therapy instead of selective frequencies that have been found valuable in individual cases. Also here the Bioresonance LaesEr has very new healing potential. We offer a wide selection of magnetic applicators: http://www.energy-medicine.info/magnetotherapy.html



9. Rife therapy is now also possible with the Bioresonance LaesEr system adding great improvement to this already successful therapy where the client's own frequency pattern is used as carrier. This combines the central idea of homeopathy that the clients information system is made more open to information that is communicated in a personal language (frequency pattern) – "Similimum principle" – and will resist less with energetic immune reactions.

Actually, it can be seen in the fact that signals as low as 9 Volts are usually sensed as very strong and that 3 Volts is what is generally considered comfortable. All other TENS and Rife systems work with much higher voltages and still are hardly sensed as the body turns "insensitive" as a immune reaction to an alien signal.

10. Light Therapy is possible with our LED visible red &infrared pad applicators: http://www.informationenergymedicine-academy.com/new-infrared-led-applicator/



Light therapy is very effective added to electric therapy particularly in skin problems as well as tension in superficial tissues.

The experience of mind-machines is increased exponentially if our **Mind-Resonators** are used as the light flashes with the heart-beat and other electric pattern in the body.



11. Laser-Light output – glass fiber applicator in development which will allow Bioresonance therapy with client specific frequencies via laser light on acupuncture points.

BBR system – general information BIORESONANCE / BIOFIELD / RIFE THERAPY SYSTEM (BBR)

LaesEr is the acronym for <u>Life Amplification by Energy Stimulation & Elevated Resonance.</u>

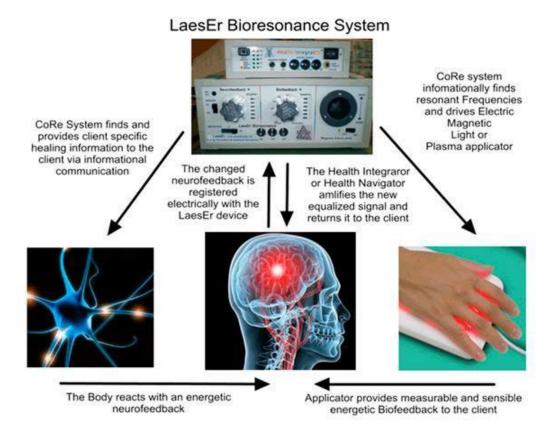


The LaesEr Bioresonance System differs from all others on the market in that it uses measurable and sensible energies. It uses the new principle of E-resonance: Elevated-Resonance. This system integrates Energy stimulation with Elevated response. We know it is not enough to stimulate the body with neutral energy as it is done in almost all forms of complimentary or conventional energetic therapy. It is not enough to feed back an inverted signal to the body as is done in conventional Bioresonance practice as this is allopathic. To be effective, external energy needs to merge with internal energy in a feedback loop.

The LaesEr Bioresonance device can work in 3 configurations:

- 1. Stand- alone: it does what any Bioresonance system does: feeds inverted or non-inverted client frequencies back to the client verifiable with any oscilloscope.
- 2. Together with the Health Integrator: it can drive any of our magnetic, electric or LED applicators with the frequencies of the client in real time. The Health Integrator has also a Laser output of the same frequencies.

- 3. Together with Health Integrator or Health Navigator and the CoRe system software: it can supply client specific frequencies found with the CoRe algorithm as "Stimulating energy" and then return the response of the client in a feedback loop for neuro-stimulation properly synthesized with the client's own frequencies.
- 4. The LaesEr Bioresonance device adds to the existing informational therapy an energetic neuro and biofeedback function.



Energy is modulated with information in a way that can be received. The frequency range and pattern has to be client-specific. This is done by extracting one component of the signal from the electromagnetic signal emitted by a given body part, that is then shown quantitatively on the LED bar in the neuro-feedback display or shown as a Fast Fourier Spectrum on the computer.

The carrier component that makes sure that the message can be read is then overlaid with the actual biofeedback signal that is generated as client-specific.

Features & Components of the BBR System

This system is the latest addition to our product spectrum – and we believe it is the first you should buy to get into the world of Energy Medicine, for several reasons:

- 1. This system includes a Bioresonance system that surpasses any other system on the market as it works with actually measurable and experienceable energies
- 2. It allows substances to be programmed with a built in magnetic field generator
- 3. The Bio-LaesEr allows to combine CoRe generated frequency files or music with client Eigen frequencies
- 4. This system makes it possible to measure the Biofield of a client and to record aurafield frequency patterns and use them for electric, magnetic or light therapy
- 5. The Health Integrator can also be used together with the Single-Frequency CoRe Software program as a superior Rife-Frequency device that can amplify and drive applicators for electric, magnetic, light, plasma or laser therapy
- 6. The dual channel technology makes it possible to outperform conventional Rife therapy by creating a client resonant interference pattern
- 7. And possibly best of all it does not need software or computer, no evaluations need to be run which makes operation of this system easy.

Three things stand out with the LaesEr Bioresonance system

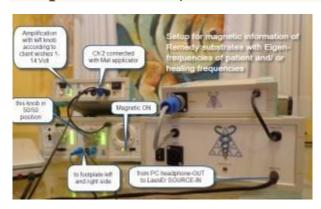
- the ability to tap into the Body-Eigen frequencies between any two points on the body and to feed them back for the first time not only in a symbolic form as in conventional Bioresonance but also as a sensible energy in form of sound, electricity, magnetism or light.
- 2. the first time to measure the extend of the biofield and to tap into it and even record it for Eigen-therapy or the therapy of others with the ability to feel it and display it with any osciloscope.
- 3. the first practical application of the DLE principle (Dynamic Labile Equilibrium) in a form that you will need to see and experience to believe it this video is about this TURBO-button.

What is included

1. Bioresonance-LaesEr	2. Health Integrator	3. Stainless Steel Footplate
4. Flexible Conductive Mat	5. Flexible Head-Electrode	6. Mind Resonator LED glasses
7. One Local magnetic field applicator	8. CD with Audio-material thatcan be applied with the Eigen-Frequency-carrier wave	9. Hologram generatorand key (for new users)

- The key and hologram are included for new users who don't own the CoRe software.
- CoRe users can deduct \$300 from the total cost of the BBR or they can include a key and hologram generator with only the Single Disease Frequency Evaluation activated (RIFE frequencies for 1100 conditions).
- The CoRe software is included as a free 7 day trial and only the **Single Disease Frequency Evaluation module** is activated permanently in your software key.
- A second key/hologram generator for existing users with their original software modules activated is \$1800.

How to modulate remedy substrates with Patient-Eigenfrequencies and/or selected healing frequencies



Testimonial

I am a neurologist and everyday meet many patients with headache. I have a Chinese herbs mixture which has detox function in general. Some patients with headache should take these herbs for at least three days then they will recovery. But I now just put herbs powder into a small bottle then put it into the BBR chamber and then I just run the device 22 minutes with standard mode of therapy as you showed on the net.

Great efficacy just one time their headache were gone. One of them was virus meningitis sever headache and slight fever for a week. Ok the same, just one time she got recovery.

Now recent weeks I found if I combine the NAET. Put the positive vials inside BBR chamber then run the therapy mode. Marvels! one of my patients who suffered breast cancer and already transfer her brain. I put her biopsy tissue sample into the chamber then run the therapy mode as before. Ten days later her brain CT show intracrainal oedema disappear. I am so excited! Thank you Kiran! how you develop this wonderful devices!

Dr. Yu Wen Healingpower Plus Health Temple Fl2,TwA,No3325,Hongmei Rd. Shanghai 201103 China

www.healingpowerchina.com

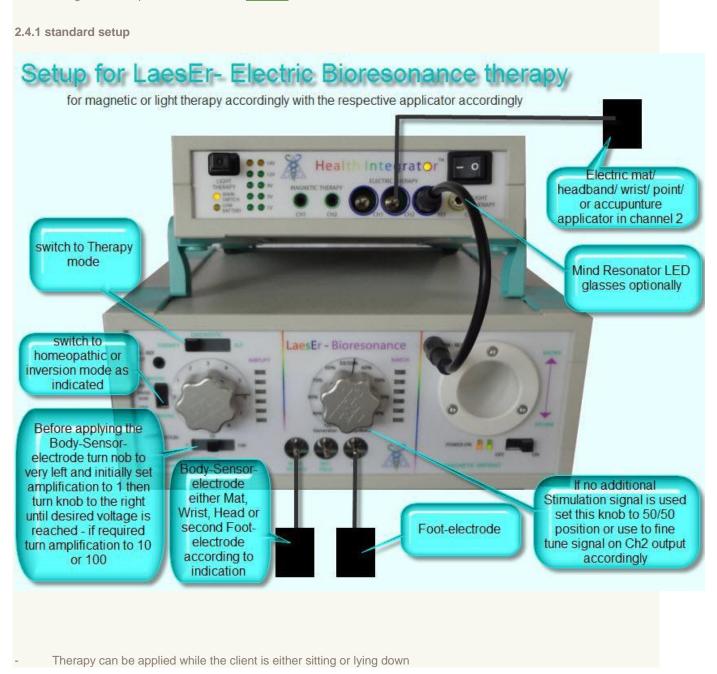
How to connect the Bioresonance-LaesEr

Please go to our website for comprehensive videos and information http://bioresonance-laeser.com/

Posted in: <u>How to connect the Bioresonance-LaesEr</u>, <u>Uncategorized</u> | August 10, 2012 at 3:55 pm No comments

1.1. Setup for Bioresonance Therapy

the following is one chapter from our user - manual - with latest additions

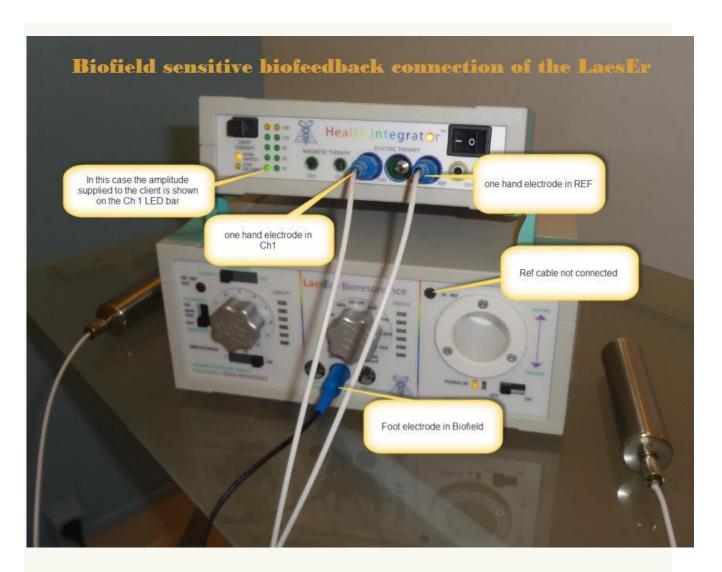


Inergetix-CoRe Software and Hardware Installation Guide and Instruction Manual

- The Mode is set to Homeopathic to feed-back client frequencies in sync with his own frequencies or Allopathic mode to re-introduce the client's own frequencies mirror image with a 180 Degree phase difference. For now we are not able to provide general rules on which setting to use but is seems indicated in all more paralytic, passive and tired symptomatologies to use the activating Allopathic mode and in all situations of Inflammation, nervousness, high pressure indications to use the calming and relaxing homeopathic mode
- The Sensing electrodes can be applied anywhere on the clients body, generally it is most simple to use the two electrodes of the foot-electrode
- The applicator electrode should generally be connected to Ch2 of the Health Integrator as this channels can be fine-tuned for amplification and mixing with an external source with the middle knob, whereas Ch1 of the Health Integrator always exclusively monitors the client Eigen-Frequencies
- Instead or additionally to the Electric applicator also Magnetic, LED pad/ glasses, or Laser applicator can be used, however it is recommended to keep it simple and not overload the body with too many different stimuli and to use 2 applicators at most for every session
- The Amplitude that is being supplied to a given applicator is shown on the 2 bars of the Health Integrator labeled 1-14 Volt, it is recommended particularly with electric applicators to <u>start</u> low and increase the volume as the client feels best
- Amplification is first set with the slider switch under the left knob by moving from 1 to 10 to 100 while having the knob in approximately 3 position, when the green lights of the bars next to the knob turn on fine tuning is possible with the knob such that the orange top LED not or only barely turns on
- Then with the middle knob the desired voltage on Ch2 of the Health Integrator is set as found most agreeable to the client

2.4.2 Biofield feedback setup

ANOTHER WAY TO CONNECT THE BIORESONANCE-LaesEr based on the experience with hundreds of clients at Marco Paulo's Quadtrinity clinic Portugal



This is the result of a lot of experimenting with the standard set-up explained previously. At Quadtrinity clinic it was found that this set-up is more effective and even longer therapies and higher therapy signal amplitudes have always been tolerated well. Kiran could initially not believe that this scheme could work so, when he was in Portugal he tested himself

Inergetix-CoRe Software and Hardware Installation Guide and Instruction Manual



... and yes it works very well I cannot remember a session that was so centering – apparently because it uses the cannel that extracts particularly the Biofield frequencies, so it feeds back and amplifies the frequency field that is measurable close to the body and that has been called Aura in traditional scriptures – you feel as if you are coming home to your own bubble



AND \dots Please take this as a great example to understand – there is much to learn with the LaesEr – it is a cutting edge technology and we know only few of its new possibilities and how to realize them – so experiment, and share with all of us your results

2.4.3 dual handelectrode with with body-signal application

IF you want to use the handelectrodes in the way you otherwise us the flexible mats — which means to tap into the electric bodysignal that is conventionally measurable with ECG and EEG equipment please be aware that the connection have to be done as follows:



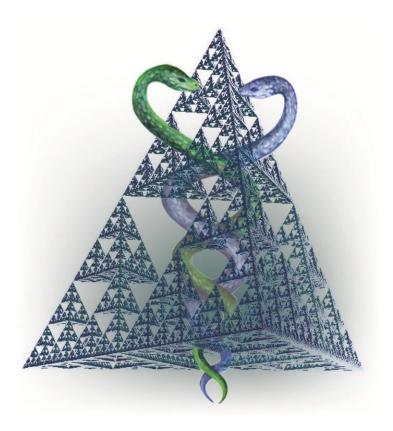
For you complete BBR User Guide, please go to your training manual page 591

Section 14 - Applicators User Guide

HEALTH NAVIGATOR, LLC

Inergetix Applicators

User Guide



Energy & Information

www.energy-medicine.info

www.inergetix.com

Disclaimer

Please see our **Disclaimer** in full detail here:

http://www.energy-medicine.info/disclaimer.html

and our page about our Mission & Vision here:

Inergetix considers that the sole purpose of our software and hardware is the treatment of the mind and the spirit.

Any secondary effects experienced by the client on the physical or energetic levels - positive or negative, are considered a coincidence that we cannot anticipate, expect or have caused. No promises are made to the client. We follow the contemporary scientific standing that holds that mind and consciousness have no measurable connection to the physical or energy levels.

The Inergetix-CoRe system uses energies and substances in a similar way in which spiritual traditions use them, that is to say, in a symbolic or representational way. This means that we use either homeopathic preparations or substances imprinted with information or energies. This is how our applicators work - on a level of intensity that is not only safe but that has not shown any positive or negative effects in scientific studies that were limited to the observation

of physical or energetic effects.

If studies are presented that show the effectiveness of such magnetic or other energetic therapies, they can only be taken as useful for conditions for which they were investigated within the knowledge of the therapist as it relates to tracking improvements on a physical or energetic level.

Given the accepted division in main stream science between mind and body, we can be proud to work in the areas of soul and spirit that are generally neglected and we can also develop the humility of true healers who know,

'It is not I who heals but the Spirit.'

INERGETIX MAGNETIC APPLICATORS

- Introduction
- How to connect the Magnetic Applicators to the CoRe system
- How are they made
- General Applications
- Healing <u>Effects of the low frequency pulse magnetic field (LPMF)</u>
- Characteristics of the LPMF and frequency range used
- For how long should the magnetic field be applied?
- How to select and use the applicators
- Pulse profiles, intensity of the LPMF, and frequency wobbling
- Number of applications
- List of applicators
- Contraindications

Introduction

Our Inergetix Magnetic Applicators use **low-frequency pulse magnetic therapy (LPMF).** Low frequency fields range from 1 to 100 or 150 Hz. This means that LPMF is applicable even with people who use metal prostheses or have implants in their bodies.

High frequency fields range from 9MHz to 250MHz, connected in groups of low frequency (40 to 640 Hz).

How the Magnetic Applicators are made

These applicators are of superior construction and design, with inductive coils of specified parameters, designed so that the pulse magnetic waves may penetrate in the most efficient way. The construction of the applicators affects the shape of the pulse, the magnetic field intensity and the shape and size of the flux lines.

The use of a particular type of applicator depends on the nature of the ailment being addressed.

General Points on the Magnetic Applicators

With local issues (ankle sprain, carpal tunnel syndrome, etc.) smaller applicators should be used, because they are designed to act locally and more intensively.

In the case of more complex problems (bigger joints, coccyx, head, etc) the use of solenoids is recommended due to their design which allows the generation of a field that will work smoothly and efficiently within the whole area encompassed by the solenoid.

If large areas of the body are affected (such as in back pain, blood circulation), it is necessary to use pad applicators of a suitable size and shape.

For precautionary applications, vascular diseases and general regeneration aimed at supportin cardiovascular system, the best application is the full body mat applicator.

Sometimes it is useful to connect or zip several applicators together to form a larger applicatio surface. These applicators are specially designed for this purpose.

If a smaller size applicator is applied a stronger local effect is achieved (through higher frequ application). If a larger applicator is used, a lower frequency application is applied, achieving extensive positive effect.

Healing Effects of the low pulse magnetic frequency field (LPMF)

The magnetic applicators which utilize a low-frequency pulse magnetic field can have various effects on health conditions that include:

- Pain relief (analgesic)
- Muscular relaxation (relief from spasms)
- Improved Blood Circulation (widening of the blood vessels)
- Metabolism Stimulating effect (detoxification, absorption)
- Healing and regeneration, anti-rheumatic and anti-inflammatory.

Pain relief effect (analgesic)

Magnetic stimulation generates an electric current in the nerve fibers which prevent pain impulses from traveling from the pain source to the brain via the spinal cord; it also causes enhanced endorphin production, reduction of inflammation and swelling and muscular relaxation.

The analgesic effect of magneto-therapy not only supports general relaxation but works well for sleeplessness and neuralgic pains. It stimulates endorphin production and the regulation of calcium ions through the cellular membrane; it affects vascular dilatation, producing an analgesic effect.

After therapy, the activity of *lactate dehydrogenase in the exposed musculature is increased (this process inhibits the degradation of lactic acid - which stimulates the nerve receptors that caused the pain).

Positive results have been experienced, especially with painful radicular (root) and pseudo-radicular syndromes such as sciatica, or nerve compression.

**Lactate Dehydrogenase - An enzyme that catalyzes the conversion of lactate to pyruvate. This is an important step in energy production in cells. Many different types of cells in the body contain this enzyme. Some of the organs relatively rich in LDH are the heart, kidney, liver, and muscle.

Muscular relaxation effect (relieving muscular spasms)

The low-frequency pulse therapy stimulates quicker removal of acid metabolites (secretion is increased and the activity of lactate dehydrogenase is stimulated), which results in relief from painful, irritation in muscles and body parts suffering from chronic inflammation.

Additionally, considerably slower functioning of the nerve lines on the lower extremities has been recorded with athletes, which also contributes to myo-relaxation (muscle relief).

The myo-relaxing effect on the back muscles (the para-vertebral striated musculature around spinal column) brings relief from many problems, e.g. stiffened cervical spinal column, heada c dizziness, poor hearing, limited mobility, pain that spreads from the spine to the extremities, c etc.

Relaxation of the skeletal muscles is necessary during any pain related issue.

Improved Blood Circulation (Vasodilatation)

The low-frequency pulse magnetic field affects the polarization of erythrocytes by means of a charge. The method works against erythrocyte grouping; the erythrocytes are spread again, therefore increasing the capacity of the surface to bind oxygen.

The blood that travels through the magnetic field generated, demonstrates a higher capability oxygen.

The erythrocyte polarization affects arterial muscular tension, the arteries become broader (vasodilatation), which helps to supply the oxygenated blood and the nutrients to the tissues and enhances faster removal of toxins.

Oxygen intake is significantly increased. The LPMF acts positively upon erythrocyte plasticity. The risk of blood clots (thrombosis) is reduced.

In the course of the therapy, the parasympathetic nervous system is activated and Ca2+ ions (Calcium ions) are emitted, resulting in loosened arterial muscles (especially pre-capillary constrictors) and subsequent vascular dilation.

These processes balance heart function, blood circulation and blood pressure. LPMF works well in cases of preliminary forms of ischemic heart disease and ischemic disease related to the upper/lower extremities, varicose ulcers, and various blood circulation deficiencies.

This therapy helps arteries to open up again so blood flow throughout the skin and muscular tissues is increased. Although arteries that have already closed do not become passable again as a result of the therapy, the collateral blood flow throughout the skin and muscular tissues is considerably improved.

Metabolism Stimulating effect

Through stimulating the metabolism; the LPMF penetrates the treated area evenly and travels through every cell, while inducing a weak electric current.

The cell surface potential is changed, affecting cell membrane's permeability, promoting blood circulation, oxygenation and nutrition, and resulting in increased elimination of metabolic waste from the treated area - which is the fundamental prerequisite of any healing process.

It is the stimulated metabolism, the removal of waste and detoxification that begins all healing and regenerative processes.

For example, exposure of the liver area to LPMF stimulates the function of the liver, which accelerates and enhances the detoxification processes in the entire body.

Localized applications can be made to problem areas of the body - a muscle, a joint, the spine, etc.

If a smaller size applicator is applied a stronger local effect is achieved (through higher freque application). If a larger applicator is used, a lower frequency application is applied, achieving extensive positive effect.

Positive changes occur with many disorders including diabetes and gout, tissue regeneration a infections (hepatitis, mononucleosis, toxic destruction of tissues, etc.), and with eczema and allergies.

Stimulated Healing and Regeneration (anti-Inflammatory and anti-rheumatic effects

There is evidence of improvement in bones and soft tissue, due to the non-specific cytoplasm membrane irritation and consequent activation of the metabolic chain.

Change of the *cAMP/cGMP ratio and increased activity of osteoclasts (a type of bone cell that removes bone tissue by removing its mineralized matrix) in the case of healing bones.

*Cyclic nucleotides have been extensively studied as second messengers of intracellular events initiated by activation of many types of hormone and neurotransmitter receptors. Cyclic quanosine monophosphate (cGMP) serves as a second messenger in a manner similar to that observed with cAMP. Peptide hormones, such as the natriuretic factors, activate receptors that are associated with membrane-bound quanylate cyclase (GC). Receptor activation of GC leads to the conversion of GTP to cGMP. Nitric oxide (NO) also stimulates cGMP production by activating soluble GC, perhaps by binding to the heme moiety of the enzyme. Similar to cAMP, cGMP mediates most of its intracellular effects through the activation of specific cGMP dependent protein kinases (PKG). Reference: Francis, S.H., and Corbin, J.D., Cyclic nucleotide-dependent protein kinases: intracellular receptors for cAMP and cGMP action. Crit. Rev. Clin. Lab. Sci., 36, 275-328 (1999).

The LPMF therapy results in acceleration of the healing process, formation of new tissues (bone tissue and calcification), and leads to increased activity of the parathormone. (Parathormone: A hormone that is made by the <u>parathyroid gland</u> and that is critical to <u>calcium</u> and <u>phosphorus</u> balance. Deficiency of parathormone results in abnormally low calcium levels in the blood (hypocalcemia). Excessive parathormone leads to elevated calcium levels in the blood (hypercalcemia) and calcium deposition in cartilage. Also known as parathyroid hormone and parathyrin).

Therefore, the low-frequency pulse magnetic field is used to accelerate healing in cases of fractures, pseudo-arthrosis and the reinforcement of loose and painful endo-prostheses.

The level of proteoglycans (the muco-polysaccharides bound to protein chains occurring in the extracellular matrix of connective tissue) in the cartilage is increased by up to 22%, which supports the healing process and cartilage regeneration. An accelerated healing process is experienced with both bones and soft tissues. Magnetic applicators are capable of having a positive effect not only on sterile inflammations (rheumatic disease) but also on microbial inflammations.

Phagocytic (a phagocyte is a cell, such as a white blood cell, that engulfs and absorbs waste material, harmful microorganisms, or other foreign bodies in the bloodstream and tissues) activity is induced, including superoxide production, which leads to suppression of the microbial flora; however, this may be the reason for a temporarily worsened condition in rheumatic clients, in the course of preliminary sessions.

Subsequently, super oxide dismutase (an enzyme that catalyzes the decomposition of a superoxide into hydrogen peroxide and oxygen) is activated, which results in general relief and the start of the

healing process. Especially positive results are achieved in cases of radicular and pseudo-radic syndromes (sciatica, nerve compression).

Magnetic applications accelerate metabolism, relieving swelling in the treated area, reducing inflammation and pain.

The applicators should be positioned above the affected part of the body (e.g. in case of an an sprain) for 30 – 45 minute-long stimulations repeated 3 times a day to achieve considerable results in relief from swelling and pain.

The anti-swelling and anti-inflammatory effect is important with catarrh of the upper respiratory passages, sinusitis, gingivitis, allergies, runny nose, etc.

Characteristics of the LPMF and frequency range used with Magnetic Applicators

North Polarity - Analgesic, pain relieving effects (e.g. migraines, toothache, etc.)

South polarity - Stimulating healing effect (e.g. periodontal disease, dermatological issues, etc.)

Low frequency - 1 to 10 Hz - effects of an analgesic and myo-relaxing nature.

Medium frequency - 10 to 15 Hz - anti-inflammatory, suitable for chronic and degenerative diseases: vasodilatation; results in enhanced blood and lymph circulation, suppression of swelling.

Higher frequency: 15 to 25 Hz - stimulating effects that support bone healing, improve post-accident condition and works well with acute disease; detoxification.

Frequency above 25 Hz (26 to 81 Hz) - Frequencies higher than 25 Hz (intended for special applications) are used if it is necessary to increase the intensity of the effects or with certain types of health issues such as burns and fractures that are healing with difficulty and with pseudo-arthrosis.

The higher frequency is intended for more intensive support of the healing process, regeneration and detoxification.

For how long should the magnetic field be applied?

There is no risk of over-exposure to low frequency pulse magneto-therapy and there is no evidence of harm due to overdose.

Provided that magneto-therapy is properly applied, the human organism will respond with self-repair and regulation.

It is recommended that the affected part of the body be exposed to the magnetic field generated by the applicator 2 to 5 times per day on average, for 25 to 90 minutes at a time.

How to select and use the applicators

Among the applicators available, the type that best suits the particular therapeutic purpose should be selected.

Place the selected applicator as close to the surface of the body as possible. Some applicators can be fixed to the body with a flexible band.

Most other applicators may be fixed on the body with the FIX DUO elements as in the Shoulde rapplicator and Orthopedic Extensor. It is good to know that fixing elements exist because if yo the applicator properly, you increase the efficiency of the application process (as for U applic atorssolenoids generating the spatial pulse magnetic field, it is sufficient if you just move the part of the body into the inner space of the solenoid).

In order to make the best decision about which applicator should be applied, use the following criteria: the applicator should be placed comfortably on the body, as close to the afflicted part as possible; consideration should be given to whether you need to apply the treatment at a depth (solenoid) or whether a flat applicator would more appropriate for the given purpose.

Pulse profiles, intensity of the LPMF and frequency wobbling

If local pain is caused by a problem located somewhere else, the magnetic field should be applied via two applicators - at both locations at the same time.

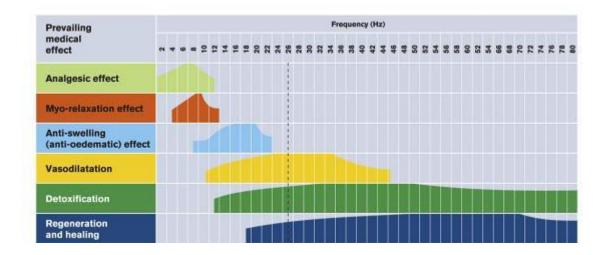
The individual effects and use of magneto-therapy should be planned and evaluated according to the particular condition and reaction of the individual patient. In the event of an unexpected reaction, stop the application immediately!

It is recommended to continue the therapy after an examination by a specialized physician, following the instructions and procedures prescribed. If magneto-therapy is included in the medical treatment, in the case of orthopedic or similar trouble, expect that some people will temporarily show slightly increased sensitivity.

This is the so-called spa syndrome, frequently resulting in a significantly improved condition in the patient.

In this case, it is recommended to continue the application but to lower the intensity of the application for approximately 2-5 days.

Table: Basic healing effects according to frequency



Number of applications

It is generally known that magneto-therapy should be applied in various ways, depending on the particular case; this means that the length of the therapy and the number of the cycles can vary.

A standard is two application sessions per day and for more serious diseases, three or even more sessions a day are possible, while the recommended break is 6 hours.

If possible, do not end the magneto-therapy abruptly.

It is better to prolong the intervals between the applications towards the end of the therapeutic period.

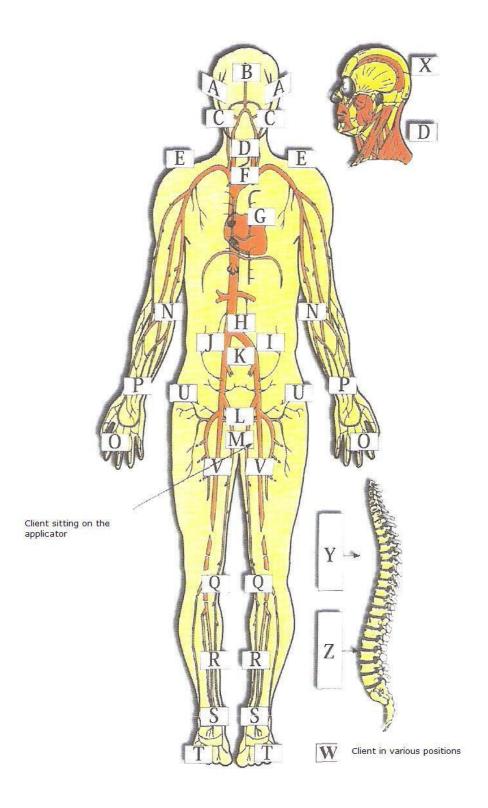
Clients suffering from low blood pressure are recommended to take approximately 20-minutes of rest after the application.

For short-term disorders, it is recommended to repeat the application 20 to 30 times; however, the minimum number of sessions is 10.

With chronic diseases and after treatment in particular, repeated application over a longer period of time is recommended.

Before starting using the applicators on clients, first review likely contraindications!

Overview of Application Positions and Points



- Tinnitus, barotitis, pain in jaw, Parkinson's syndrome, child cerebral palsy and spasticity cerebral apoplexy, neuralgic pain, multiple sclerosis.
- Cold –acute or chronic, high opthalmotonus eye problems preceding glaucoma, night blindness, for regeneration of the retina, cornea injury.
- Toothache, trigeminal neuralgia, periodontal disease, post-tooth extraction pain.
- Pain of obstruction in cervical vertebrae, headache, blood circulation disorder –hands (pins and needles), cold or chill –husky voice, laryngitis. Also for carpal tunnel syndrome (perhaps caused by cervical vertebrae).
- Painful, stiff shoulders (pre-arthritis –humeroscapularis), arthritis –humeral joints.
- Asthma, cough, bronchitis, high and low blood pressure, hiccups.
- Recovery after myocardial infarction, after by-pass surgery, ischemic heart disease.
- Hyperactive stomach, chronic ulcer disease –stomach and duodenum (not applicable if bleeding), for inflammation and spasms.
- Diabetes mellitus (application on left back side to stimulate pancreas)
- Regeneration of the liver, post jaundice.
- Infertility (female) caused by salpingitis (pelvic inflammatory disease), constipation, poor elimination.
- Cystitis –especially female, prostatitis (inflammation of prostate gland).
- Prostatitis, sexual dysfunction (male), sexual dysfunction, hemorrhoids.
- Acute and chronic tennis elbow (epicondylitis), pain in elbow.
- Arthritis in the hands causing difficulty moving fingers, poor blood circulation (hand, wrist).
- Carpal tunnel syndrome. Applicable for simultaneous application with D.
- Pain or arthritis –knee joints, poor blood circulation –diabetics (diabetic leg).
- Poor blood circulation –lower extremities (diabetic leg), osteoporosis –shin bone, chronic

venous ulceration.

- Pain in metatarsus (bones of feet) and ankle, diabetic leg, swollen ankle.
- Rheumatism, gout, pain near heel. Also for diabetic leg.
- Pain linked to arthrosis –coxal or hip joints, osteoporosis (depends on particular bone), endoprosthesis (artificial device implanted inside the body to replace missing part, i.e. I replacement).
- Blood circulation disorder.
- Cellulite, post-surgery, fractures, post-amputation and phantom pain, muscle weaknes sefore massage, for relaxation.
- Neuralgic pain, after bleeding in case of injury, multiple sclerosis, ADHD, degenerative Central Nervous System disease, Parkinson's disease.
- Regeneration of cervical vertebrae and pectoral girdle, degeneration of spinal marrow –
 various causes, osteoporosis, degenerative changes in spinal marrow and nerves. Also as an
 additional point for carpal tunnel syndrome, partial hearing impairment, tinnitus, nodulation
 on spinal column, phantom pain.
- Sciatica, pain in small of the back, pain in kidneys, renal colic, child enuresis (bet wetting)
 (does not work in case of enuresis triggered by psychological factors). Also for osteoporosis
 of the spinal column.

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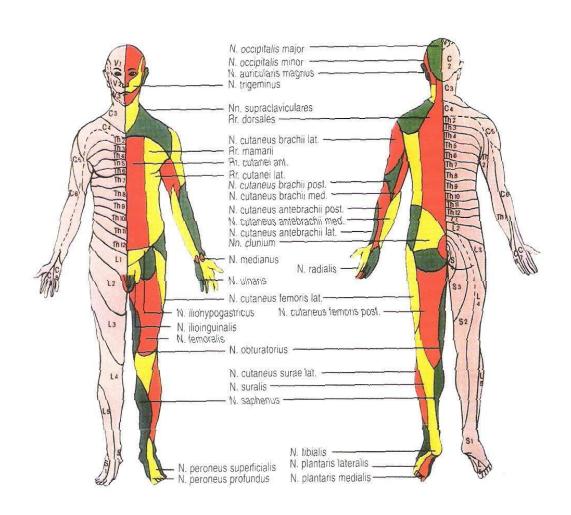
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Guidelines for Multi-Applicators

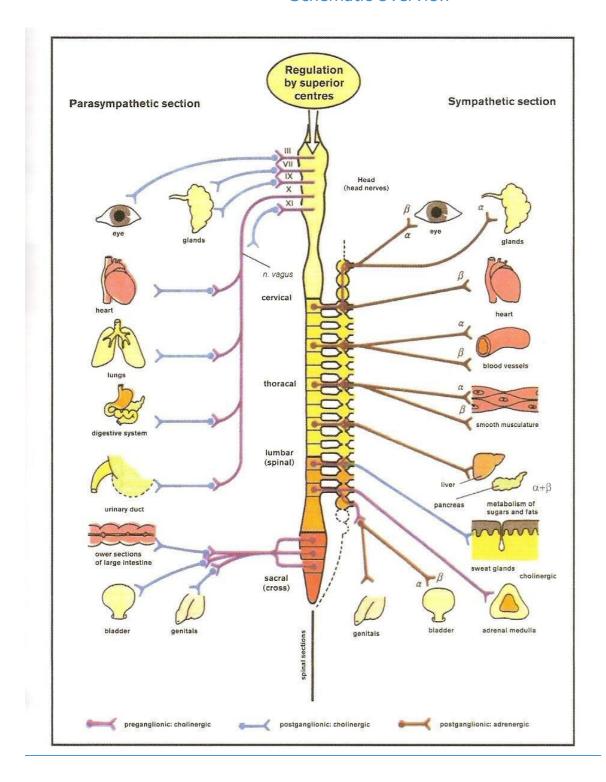
Certain surface areas of the body (skin) correspond to particular segments of the spinal column you act upon such a segment by exposing it to a low-frequency magnetic field, you also act up on the particular surface area and vice-versa.

Segmental layout for skin stimulation



In the same way, particular segments of the spinal column can be matched to particular organs. Therefore, with certain organ ailments, it is recommended to expose the corresponding segment of the spinal column too in order to achieve the best therapeutic effect on the organ. To simplify the relationship between the segments and the organs, a schematic illustration is provided.

Autonomous (vegetative) Nervous System Schematic Overview



TYPES OF MAGNETIC APPLICATORS

Applicators are air coils wound from enameled copper or other special wire in a special construc. The surface consists of top-quality imitation leather complying with hygienic standards for containing with the human skin.

Flat applicators generate a magnetic field of the highest intensity, however, spatially nonhomogeneous. The magnetic field intensity depends on the distance from the surface of the applicator (e.g. at distance of 8 cm (3 inches) the intensity drops to a fraction of the surface value, are used in cases where we do not require the magnetic field to penetrate to the tissues deep under the surface. The most powerful magnetic field is in the axis near the surface. You may verify the range of the spatial pulse magnetic field with the Tester. The maximum value of the magnetic field provided in the specifications was measured at the surface of the applicator, in the middle of the magnetic segments.

Cylinder or ring applicators generate a homogenous magnetic field, though, less intensive than that generated by the flat applicators. They are used to emphasize the effects of the magnetic field and if it is necessary to penetrate deep into the tissues (e.g. if applied on extremity joints). The range of the spatial pulse magnetic field can be verified with the Tester. The maximum value of the magnetic field provided in the specifications was measured at the inner surface of the applicator, at the edge of the cylindrical section.

Applicators with higher magnetic field intensity are used for local applications (point applications); applicators with lower intensity are used for other applications. The most important thing is to let the pulse magnetic field act directly upon the afflicted area on the body (sometimes two applicators at a time are used, i.e. the concept of "cause and effect" is applied).

Tester (included with any applicator purchase). Using the Tester, you can determine the polarity of the applicator. The north pole is marked (-), while the south pole is marked (+).

How to measure the polarity on the applicator: If you bring the Tester to the surface of the activated applicator, the Tester starts vibrating, following the rhythm of the pulse frequency. You can discover the polarity of the applicator if you put the Tester with the (-) mark against the surface of the applicator while in operation. If the Tester is repelled (pushed away), you are working with the north pole of the applicator, if it is drawn towards the surface, this would be the south pole of the applicator.

Applicator polarity gauge indicator. The north polarity of the applicator is marked on the plate with a green circle and the letter (N). If the plate is between the components, the circle with the letter N shows an arrow directed to the nearest component with northern polarity.

If an applicator consists of more parts, the polarity comes in turns, since when the applicator is the magnetic lines of force should not interfere with each other but should be amplified. As for solenoids, the polarity of the magnetic field may be determined with the Tester on the opposite of the section (edge) of the ring.

When making the decision about which applicator to use, especially as regards soleno the applicator polarity is not very important. The individual sensitivity of the client sh be considered.

LIST OF INERGETIX MAGNETIC APPLICATORS

(Measure conversion: 1 inch = 2.54 cm)

Magnetic Tester

Using the Tester, you can determine the polarity of the applicator. The north pole is marked (-), while the south pole is marked (+). Place the Tester with the (-) mark against the surface of the applicator while in operation. If the Tester is repelled (pushed away), you are working with the north pole of the applicator, if it is drawn towards the surface, this would be the south pole of the applicator.

Magnetic Local Disc Applicator



Dimensions: Diameter: 5 inches, Height: 1.5 inches Weight: 0.45 kg

The magnetic induction, i.e. the force of the magnetic field in the coil axis on the surface

of the applicators: 36 mT

To be used for local applications. The vibration may be used as fine massage of nerve endings of certain organs - e.g. feet. It improves blood circulation and increases oxygen supply. In order to fix it to the position for application, you may use the fixing tape.

Magnetic Full Body Mat, Part 1 and Part 2



Dimensions for each part:

Width: 19 inches Length: 19 inches Height: 1.5 inches Weight: 2.4 Kg + 2 Kg

Magnetic induction of the coil axix on the

surface of the applicators: 5 mT

Use -Use for rehabilitation of the back or general rehabilitation. The client can be seated or lying on the bed; if connected together, a whole-bed applicator is created. Application is over a textile pad. Suitable for whole body applications, prevention, rehabilitation, blood circulation and muscular tension release. The top portion marked with enlarged seams is intended for whole-bed application for the client's head where it does not generate a magnetic field.

Spatial Pulse Applicator - Solenoid



Dimensions:

Diameter: 9.5 inches, Height: 10 inches Depth: 3.5 inches Weight: 0.45 kg Thickness: 0.5 inches

Magnetic induction in the coil axis on the

surface of the applicator: 4 mT

Use – This applicator generates a spatial pulse magnetic field – suitable for depth application to back, hips, joints, cervical spine, head. To be used over a textile pad on the spot afflicted.

Shoulder Applicator



Dimensions: Width: 6 inches,

Length: 26 inches + 10.5 inches with orthopedic

extensor to wrap over shoulders

Weight: 0.5 kg

Thickness: 0.5 inches

Magnetic induction in the coil axis on the surface of the

applicator: 10 mT

Use - Flexible, anatomic applicator, suitable for application for cervical spinal column and shoulders at the same time. Use orthopedic applicator to fix shoulder applicator in place and act on both shoulders at the same time.

Orthopedic Applicator Extensor



Dimensions: Zipper in the middle

Width: 10.5 inches Length: 10.5 inches Weight: 0.4 kg Thickness: 0.5 inches

Magnetic induction in the coil axis on the surface

of the applicator: 8 mT

Use - Orthopedic aid intended for fixation of the other applicators

Full Body Applicator - Solenoid



Dimensions:

Diameter: 20 inches, Height: 20 inches Depth: 14 inches Weight: 9 kg

Thickness: 0.5 inches

Flat bottom for comfortable use

Magnetic induction in the coil axis on the

surface of the applicator: 4 mT

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Use - Deep body solenoid, suitable for depth applications. To be used on extremities, hips, spinal column, also possible to use to work with the shoulders at the same time, etc. This type is recommended for application with people lying on a bed. Application is over a textile pad on the afflicted area, as close as possible to the surface of the body.

Paddy Applicator - three-part pad applicator



Dimensions:

Width: 10 inches Length: 30 inches Weight: 1.6 kg Depth: 1.5 inches

Magnetic induction in the coil axis on the

surface of the applicator: 18 mT

Use - A three-part pad flexible applicator it is suitable for more extensive application (spinal column, extremities, etc.). Application is over a textile pad on the afflicted spot, as close as possible to the surface of the body. For fixation, use tape (a zipper cannot be used).

Connecting to the Health Navigator

These applicators are very easy to use. Connect the applicator of choice to **CH1** or **CH2** of the Magnetic Therapy Panel in your Health Navigator.

If you have 2 magnetic applicators you can connect one on each channel.

In your CoRe software, open the **Resonant Frequency** or **Biofeedback Frequency** modules select the range from 1 to 100 Hz to find the most resonant frequencies for the client based o $_{\rm I}$ symptoms/filters entered. Broadcast the frequencies for a selected period of time based on the client's needs. Frequencies higher than 150 Hz are not indicated for magnetic field applicators



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CONDITIONS ADDRESSED WITH MAGNETOTHERAPY

1 • Pain in the extremities

Magnetic pulses of low frequency act positively upon any pain – magnetic applicators are used treat degenerative, inflammatory and post-accident conditions.

2 • Long-Term Chronic illness

The resonant frequencies change automatically using the Biofeedback module with effects that from beneficial stimulation, the easing of pain and healing. Examples: joint-related degenerati inflammatory illnesses, enhancement of metabolism in the body tissues (diabetes); chronic inflammation of the tissues and organs.

3 • Arthritis

Apply to ease pain originating from degenerative changes in joint tissues – bones, cartilage an ligaments.

4 • Vertebral column arthritis

Apply to alleviate vertebrae and inter-vertebral disc arthritis, possible radiculo-myelopathy, nerve root compression to ease pain; release muscle contractions, achieve better spinal mobility.

5 • Artrodynia

Apply for pain in joints and pain in the articular capsule due to morphological changes caused by degenerative and inflammatory processes. Eases pain, suppresses the inflammatory process and establishes favorable conditions for regeneration.

6 • Pain in the vertebral column

Apply applications for pain in the spinal column due to degenerative inflammatory processes, also if exposed to strain, unusual movement activities or cold. Eases acute pain, acts upon muscle spasms, achieves better spinal mobility, allows rehabilitation and enhances regeneration.

7 • Sciatica

Apply for compression of radicular (root) nerves in the sacro-lumbar area, and pain spreading into the lower extremities, strong acute pain and limited mobility. By easing the pain, allows restoration of the correct position of the spinal column, thus helping to eliminate compression of the radicular nerves.

8 • Joint arthritis

Arthritis is an inflammatory disease of the joints, rheumatoid arthritis, gout, psoriasis, etc. Magneto-therapy suppresses inflammatory symptoms and eases pain. By acting upon the vascular system, it brings more oxygen and nutrients to the blood and establishes better conditions for healing and regeneration by metabolite drainage.

9 • Spondylitis ankylosans

This is a specific inflammatory disease related to the spinal column, accompanied by immune system disorder, characterized by its long duration and gradual deterioration. The disease results in seriously limited mobility, accompanied by severe pain.

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10 • Rheumatism

Rheumatism is an inflammatory disease related to joints and other tissues, characterized by a component linked to the immune system. Magneto-therapy suppresses inflammatory symptom eases pain; creating better metabolic conditions in order to enhance healing and regeneration.

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11 • Endo-prosthesis

An artificial joint has been implanted, or damaged tissues were substituted in another way. Th substitute materials are usually of metal or plastic. All these metal materials are non-magnetic so low-frequency magneto-therapy is not a problem.

Purpose of the Application - Before and after the implantation of the prosthetic device, to c better metabolic conditions in the tissues, thus improve the healing process; accelerate recove ease the pain and contribute to improving the condition of the surrounding tissues and their functions.

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12 • Post-surgery position

Post-surgery conditions call for intensive recovery and increased metabolism in the tissues affected – in order to accelerate the healing process and avoid likely complications.

Purpose of the Application - Widens blood vessels allowing the low-frequency pulse magnetic field to supply more oxygen and nutrients to the blood, thereby enhancing the healing process. Simultaneously, metabolites (complicating the healing process) are removed.

13 • Fractures

In the case of fractures and injury related to bone and cartilage tissues, therapy should be started as soon as possible, preferably immediately after the medical treatment is provided.

Purpose of the Application - Low-frequency pulse magneto-therapy acts upon the soft tissues, on bone and cartilage tissues, greatly supporting and accelerating the healing process and the development of new tissues.

14 • Carpal tunnel

Carpal tunnel is a syndrome of oppression of nerve-vascular bundle and ligaments connected to the finger flexors in the narrowed channel in the area of the wrist, causing numerous neurological and motor problems, including pain.

Purpose of the Application - Acts positively upon the inflammatory process and swelling, bringing relief, sometimes even release, from the pain and pressure, and resulting in the regeneration of the tissues affected.

15 • Tennis elbow

Tennis elbow, epicondylitis, is pain in the area of the elbow joints, caused by excessive specific strain.

Purpose of the Application - Works on easing pain contributing to the healing process, supporting surgical and rehabilitation treatment. Inflammatory diseases related to the ligaments and attachments tend to become chronic: they recur, in the case of earlier exposure to strain, insufficient treatment and rehabilitation time. This is the reason why magneto-therapy is recommended for applications even during the idle stage (prevention).

16 • Post-amputation pain

Post-amputation pain is sometimes experienced (phantom pain). The person experiences pain amputated part of the body and in the stump.

Purpose of the Application - To suppress pain.

17 • Prostatitis

Benign hypertrophy of the prostate gland and prostatitis is a frequent condition in men. This increases with age usually starting at around the age of fifty. Swelling and inflammatory chan cresult in weakened urine flow, annoying frequent and incomplete urination and toxicity risk dulack of full elimination.

Purpose of the Application - Use the positive effect of low-frequency pulse magneto-therap ease swelling and inflammation and fully recover.

19 • Extremity ischemia / extremity anemia

Due to extremity arteries not working properly (arteriosclerotic changes and for other reasons), not enough oxygen and nutrients are fed to the muscles and tissues. The result is many tissue changes that can end in amputation.

Purpose of the Application - Due to the effect of low-frequency pulse magneto-therapy, minor capillaries and pre-capillaries are dilated, which significantly improves blood flow and circulation throughout the vascular system and tissues. In this way, better conditions are created for their normal function.

20 • Tinnitus

The cause of Tinnitus (tympanophony and ringing) is dysfunction in the inner ear usually following from vascular ischemic change.

Purpose of the Application - With magneto-therapy, the vascular system is stimulated and more oxygen and nutrients are supplied in an attempt to maintain and preserve the tiniest cells in the inner ear in a working state; this may improve the pathologic progress, minimizing future permanent damage.

21 • Diabetic leg

Diabetes, diabetic neuropathy and micro-angiopathy cause the destruction of minor arteries supplying oxygen and nutrition to the tissues. Acid metabolites are retained in the body, cellular activity degenerates causing venous ulceration and leading to possible amputation.

Purpose of the Application - Easing pain and improving circulation in the tissues. By stimulation of the vascular activity – the arterial dilatation – more oxygen and nutrients are supplied and more of the retained acid metabolites are removed. This way, the chance to save the limb is increased, while secondary consequences of the diabetes upon the vascular system are suppressed as well.

22 • Venous ulceration

Venous ulceration is disintegration of the tissues due to vascular changes in the lower extremities.

Purpose of the Application - To support healing and regenerative processes creating the best possible conditions for recovery and vitality of the affected tissues.

23 • Brain dysfunction (children, adults)

Attention Deficit Disorders and similar types of disorders in children have to do with the child's central nervous system being impaired in the course of intrauterine life, by birth trauma, ischem (ischemia is an insufficient supply of blood to an organ, usually due to a blocked artery), etc. Depending on the scope of the damage, there are many pathological phenomena related to it, f motor issues to impaired concentration, learning disabilities, etc. The treatment is based on lon term rehabilitation. Brain dysfunction in adults is usually caused by insufficient vascular functio brain is not properly supplied with blood, which results in degenerative changes, autoimmune, and other changes.

Purpose of the Application - Pulse magneto-therapy is recommended because it improves m tone, accelerates and improves healing. Remarkable effects have been described in professiona literature even with seriously impaired motor organs with children. In the case of adults, the application of low-frequency pulse magneto-therapy helps to establish better oxygen and nutri supplies promoting better conditions for preservation of the brain's functions.

24 • Poly-neuropathy

Poly-neuropathy is a group of various types of disorders related to the peripheral nerves. Usually it is a multiple system defect, resulting from various internal and external causes (inflammation, metabolic changes, low immunity, toxicity, vitamin and nutrition deficiency, degenerative issues, etc.) The usual symptoms are prickling, stinging, pain, lessened sensitivity, uncertain walking, muscular dystrophy, aches, spasms, etc.

Purpose of the Application – Magneto-therapy is an optimal backup treatment method with all types of poly-neuropathy. The immune system's reactions are modified; the application is used to ease pain, suppress inflammation, and improve blood circulation and metabolism in the tissues, thus supporting regeneration.

25 • Periodontal disease

Periodontal disease is a chronic inflammatory disorder that creates damage to the ligaments and bones in the jaw. The very first symptom is swelling and reddening of the jaw, bleeding, painful sensations when cleaning teeth and bad breath.

Purpose of the Application - By stimulating the tissues, more oxygen is supplied to support the healing process, suppressing swelling and inflammation and easing pain. Magneto-therapy is an effective complement to dental care.

26 • Muscular weakness

Apply for muscular weakness after training, after heavy physical work and when exhausted. Eases pain and establishes metabolic conditions for quicker regeneration.

27 • Regeneration

Regeneration after physical exertion in work or sports and as preparation before the next sport performance.

Purpose of the Application - By stimulating the supply of oxygen in the blood, removing acid metabolites, the regeneration process is significantly accelerated. This supports the creation of optimal conditions for future physical performance.

28 • Before a massage

20--minute preparation before a massage session, using manipulation procedures.

Purpose of the Application - To stimulate blood circulation in the tissues affected, remove acid metabolites, release muscle spasms and contractions and provide optimal preparation before th massage session for more beneficial and deeper effects.

29 • Relaxation

Apply to achieve deep relaxation, after excessive physical and mental work and under condition psychological stress. Pacifies and relaxes the vascular and nervous systems.

30 • Magnetization of water

The low-frequency pulse magnetic field may be applied to drinking water and\or foods with a hi percentage of water (drinks, fruit, etc.)

Purpose of the Application - By acting upon the inner structure and bonds between the wate molecules, the water is activated increasing water bonding and efficiency as a dissolving agent that all metabolic processes in the body are stimulated.

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GUIDELINES FOR MULTI-APPLICATIONS

Particular surface areas of the human body (skin) correspond to particular segments of the spinal Column. If you act upon such a segment (for example, by exposing it to a low- frequency magnetic field), at the same time you act upon the particular surface area (i.e. derma and hypodermis) and vice versa.

In the same way, particular segments of the spinal column can be matched to particular organs, which may be used for diagnostics and therapeutic procedures. Therefore, with certain organ ailments, it is recommended to expose the corresponding segment of the spinal column too, in order to achieve the best therapeutic effect on the organ. To simplify the relationships between the segments and the organs, a schematic illustration is provided.

RULES OF SAFE OPERATION

- 1. Do not pull the applicator out of the connector while in operation.
- 2. Place the applicator 1 meter or 3 feet from instruments such as watches, computers, magnetic media (diskettes, cassettes), etc. to prevent damage.
- 3. Keep away from water or dampness. Do not use in wet environments.
- 4. Avoid any damage to the applicators, utmost care must be paid to the applicator connectors. Never place near heat surfaces.

ABSOLUTE CONTRAINDICATIONS

Any therapeutic method has contraindications.

*Pregnancy- during the first three months- to eliminate any risk to the growing fetus.

*Pacemaker (electric cardiac stimulator)

A magnetic field that acts upon the apparatus may cause it to fail, with fatal consequences. We do not recommend any magneto-therapy, not even on distant parts of the body since one cannot guarantee that a patient with a cardio stimulator will not get closer to the applicator (imagine t patient moving, such as bending forward). The devices are properly shielded but there is a risk sensitivity to the current induced and the electrodes transferring the signal from the device into myocardium.

- *Bleeding (regardless of the cause) from the digestive tract, the rectum, menses etc. sinc low-frequency magnetic field stimulates blood circulation in the tissues, the bleeding would al sc stimulated.
- *Unidentified pain in the chest (if myocardial infraction cannot be excluded): a low-frequen magnetic field may trigger an irregular heartbeat or even a cardiac arrest.

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RELATIVE CONTRAINDICATIONS AND WARNINGS

Precautionary measure: do not apply a low-frequency magnetic field to patients with a history of tumors (although research shows positive effects of the pulse magnetic field upon bone metastasis etc.)*

*Epilepsy or similar seizure

A precautionary measure, since one cannot eliminate increased susceptibility to a seizure during the application of low-frequency magnetic fields. Nevertheless, with numerous forms of post-accident epilepsy, a low-frequency magnetic field stimulates the recovery of the brain tissues affected and acts positively upon edema-pulse. Magnetotherapy may be a great contribution to a comprehensive course of treatment.

Hypertension - High Blood Pressure

Low-frequency pulse magneto-therapy cannot be substituted for targeted treatment with antibiotics in the case of infections: however, magneto-therapy – due to its healing and anti-eremitic effects is the proper means of completing the therapeutic regimen. It is recommended to pay very close attention to patients with high blood pressure, especially if the applicator is placed onto the back or the area of the cervical vertebrae. A magnetic field usually initiates a temporary drop in blood pressure. Therefore, we recommend that at the end of an application the patients should remain on the bed or seated for some 10 or 15 minutes. Standing up abruptly may cause giddiness or even collapse.

Hypotension

Special attention should be paid to patients with hypotension or a tendency towards it and to clients with hypertonic disorder. During the first applications, blood pressure may decrease likely inducing negative reactions.

Pain of unknown origin

Low frequency pulse magneto-therapy can be used with people using metal prostheses or who have implants in their bodies.

INERGETIX ELECTRICAL APPLICATORS

Description & Use





Health Navigator with Stainless Steel electrodes

Securely place the blue end of the cables into Ref and CH1, place the stainless steel end of cable into the stainless steel electrode

New foot plate: Stainless Steel



Use - Use square wave for more efficient electrical output. If you use the sine wave, there will be less feeling. As with any electrical application, please adjust the amplitude (voltage) in your frequency screens according to your client's sensitivity if you are using the RITU-Plus or with the corresponding knobs in the Health Navigator. Start with low voltage such as 4 volts and increase accordingly. Use any frequencies sets from **frequency programs**, **resonant frequencies** or **biofeedback** while the client holds the electrodes in their hands.

We recommend using Resonant Frequencies with all Electrodes. In order to feel them you can scan up to 2,000Hz. Amplitude can vary according to client's sensitivity. If you are seriously in doubt about whether an electrode is working, you can set the Amplitude at the lowest value of 1 Volt, and put the electrode on your moistened wrist and you will certainly feel a tingling if everything is working. If nothing is felt, gradually increase the voltage.

Small Electrode Applicators

In addition to the ergonomic and bio-geometric gold hand and foot electrodes, we offer small electrode applicators for specific purposes. All four are bipolar, which simplifies their use as the client does not need to hold a second hand electrode or use the foot electrode:



Hair/Veterinary Electrode

Makes possible the application of electric frequencies where otherwise hair or fur would form an isolating barrier. Thirty-two contact pins facilitate reliable contact. Until now, dense fur on animals made electric frequency therapy impossible.

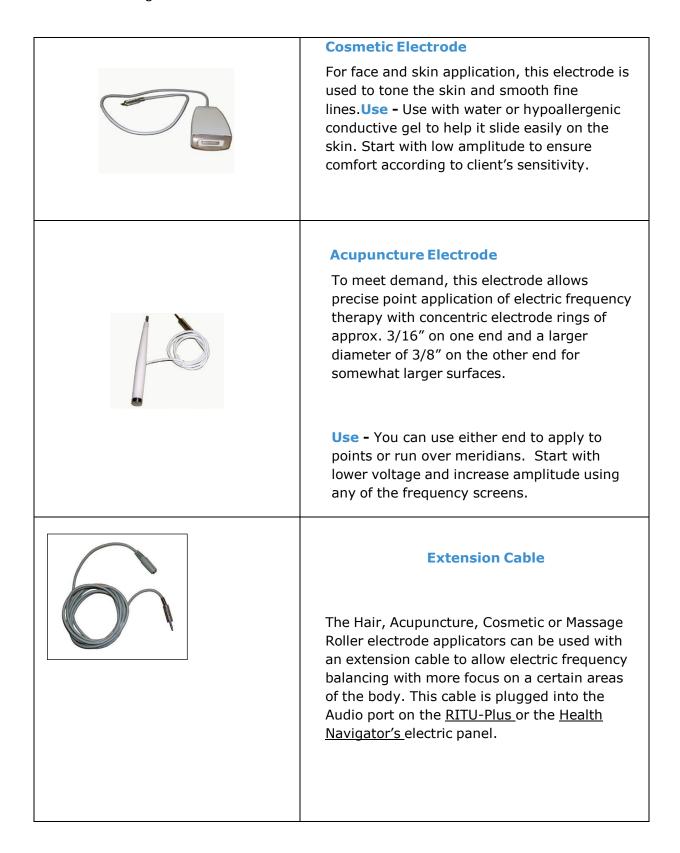
Use - Please use with caution as the scalp is a very sensitive area. We recommend that you start with low amplitude and gradually increase it to a comfortable level according to your client's sensitivity.

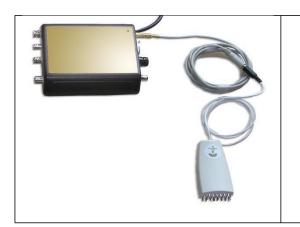


Massage Roller Electrode

It has a long handle and three rollers with different polarity for self-application and massage function in areas difficult to reach.

Use - Use with water to help it slide on the skin. Do not use gel as this will clog the massage rollers. Start with low amplitude to ensure comfort according to client's sensitivity.





Use the extension cable to connect one end to the electrode of choice and the other end to the audio jack of the <u>RITU-Plus</u> or the <u>Health Navigator</u> electrical connection panel. It allows more flexibility and reach.

Use - Plug these applicators into the connector labeled SIG/REF in the Electric Therapy panel of your <u>Health Navigator</u>:

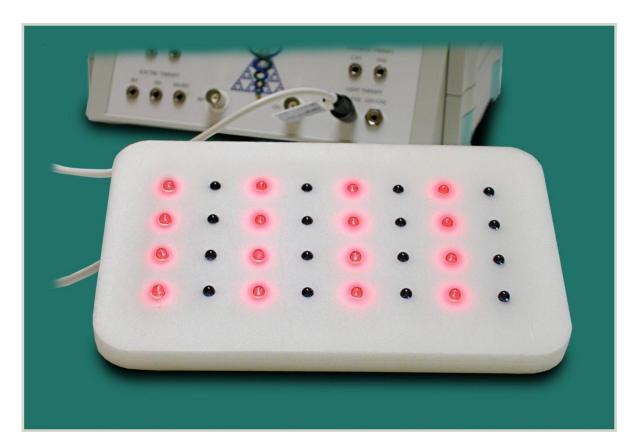


Connecting Cosmetic Applicator

Using Electrodes Together with the Plasma Generator if relevant

As the bodies of different people absorb electricity differently, in some rare cases it may happen that electric frequency treatment in parallel absorbs so much energy that the Plasma Generator does not work. In this situation one has to disconnect the electrodes while doing light therapy with the Plasma Generator. Also it is important that while using the Plasma Generator one forms the habit of disconnecting the electrodes if they are not used, in order to avoid the possibility of a short-circuit if they were to touch each other. This applies to all electrodes.

Soft-Flex LED Pad



DUAL CHANNEL TECHNOLOGY

The Soft-Flex uses 2 sets of LED, 16 red LED of 630 nm wavelength and 16 infrared LED of 945 nm. This LED therapy pad is the only pad on the market that uses 2 groups of LED that are driven by 2 separate channels.

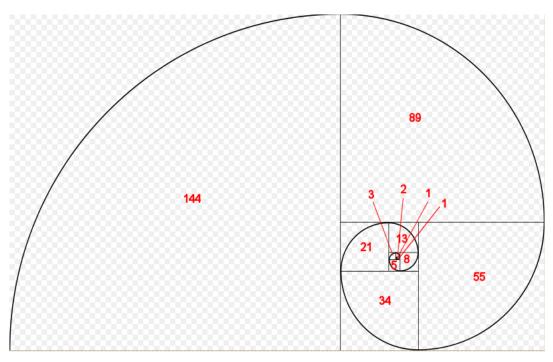
The dual channel technology is a practical application of the Dynamic Labile Equilibrium DLE concept that is the foundation of the CoRe system and its healing philosophy (more explanation about DLE is here http://www.informationenergymedicine-academy.com/category/dle-dynamic-labile-equilibrium/

The effect of 2 different wavelengths creates an informational and energetic potential betwee r the areas of application which generates the desired energy flow. Other LED pads in comparison only heat the skin. For the same reason we have 2 ears, 2 eyes, 2 hands, 2 sides of our brain because only through this polarity yin and yang - DLE can be created.



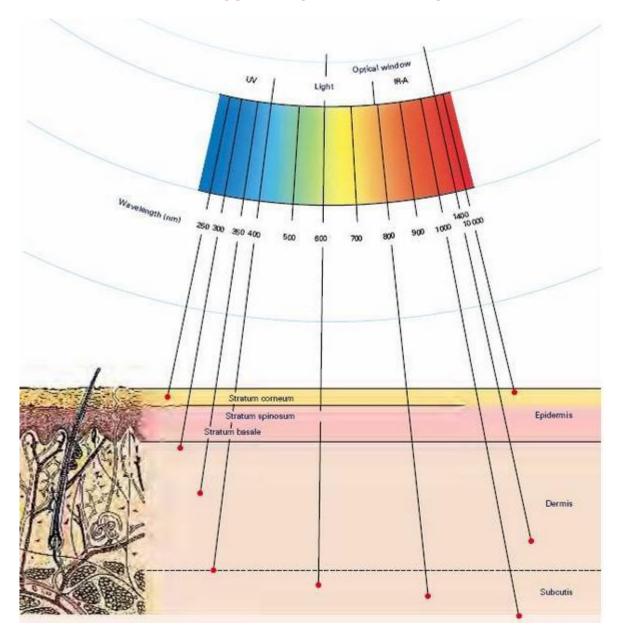
MOST EFFECTIVE RATIO

The Ratio between the 2 different wavelength is chosen to be exactly 630/945 or 3/2 which is the ratio of the 2^{nd} and 3^{rd} Fibonacci number 1, 2, 3, 5, 8, 13, 21.... Dividing any Fibonacci number by its previous Fibonacci number results in the golden mean (a number that approaches 1.618 as the sequence approaches infinity.)



We give attention to details and anyone who has been demonstrated the aligning power of our gold hand-electrodes has witnessed the amazing effect of using the appropriate proportions.

MOST EFFECTIVE WAVELENGTH



Light penetration

We find infrared and near-infrared light to be most beneficial at a wavelength 880 nm to 1000 nm; the most resonant red light wavelength to the human cell and skin surface is at 630 nm wavelength.

And again, it is desirable that both frequencies have a different penetration depth which allows them to create a special potential.

MOST EFFECTIVE CLIENT SPECIFIC MODULATION

The CoRe system is superior to any other system on the market as all its applicators are modulated not with pre-recorded sets of generic frequencies but via frequencies that are foun din each given moment to be most resonant for the client – this makes all the difference. Modulation of the Soft-Flex applicator is possible from 0-20000 Hertz.

MOST FLEXIBLE DESIGN

The LED pads can be moulded to anybody contour due to its flexible design and secured in place with different lengths of the included Velcro tape. The special silicone foam is easy to clean.



Dual Pad applications

In most applications and particularly for pain in nerves and muscles we recommend the use 2 applicators simultaneously. This is based on the finding that synchronous stimulation of two different areas of the body set up a healing current between the two points.

It has been found empirically that positioning the pads on symmetrical areas, either horizontally or vertically works best, whereby one applicator is positioned on the painful area and the other applicator is positioned in the opposite area.

INDICATIONS

There is a whole range of possible applications, but be aware that the CoRe system's Health Navigator has only been proven in clinical studies for depression, wound healing and pain management.

Although this is possibly the widest clinically proven of all comparable systems in the market this certainly only covers a minute fraction of all possible applications. Other applications should only be understood and advertised as experimental or for research.

Beauty applications



Increase vascularity (circulation) for wrinkle reduction by increasing the formation of new capillaries, which are additional blood vessels that replace damaged ones. New capillaries speed up the healing process by supplying additional oxygen and nutrients needed for healing. Make the test, it reduces wrinkles and improves skin smoothness already after one week of 15 min daily application

Stimulate the production of collagen. Collagen is the most common protein found in the body. It is the essential protein used to repair and replace damaged tissue. It is the substance that holds cells together with a high degree of elasticity. Increasing collagen production will decrease scar tissue at the injured site.

Stimulate the release of adenosine triphosphate (ATP). ATP is the major carrier of energy to all cells. Increases in ATP allow cells to readily accept nutrients and expel waste products faster by increasing the energy level in the cell. All food turns into ATP before it is utilized by the cells. ATP provides the chemical energy that drives the chemical reaction of the cell.

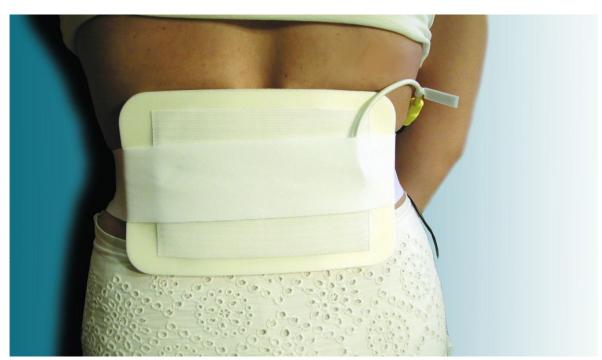
Detox and drainage applications

Increase lymphatic system activity. Edema, which is the swelling or natural splinting process of the body, has two basic components. The first is a liquid part which can be evacuated by the blood system and the second is comprised of the proteins which have to be evacuated by the lymphatic system. Research has shown that the lymph vessel diameter and the flow of the lymph system can be doubled with the use of light therapy. The venous diameter and the arterial diameters can also be increased. This means that both parts of edema (liquid and protein) can be evacuated at a much faster rate to relieve swelling.

Tissue rejuvenation

Increase RNA and DNA synthesis. This helps damaged cells to be replaced more promptly.

Reduce the excitability of nerve tissue. The photons of light energy enter the body as negative ions. This requires the body to send positive ions, calcium among others, to flow to the area being treated. These ions assist in regulating the nerves, thereby **relieving pain.**



Stimulate fibroblastic activity which aids in the repair process. Fibroblasts are present in connective tissue and are capable of forming collagen fibers.

Increase phagocytosis, which is the process of scavenging for and ingesting dead or degenerated cells by the phagocyte cells. This is an important part of the infection control process. The healing process depends upon the destruction of infection and cellular clean up.

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Pain and healing applications

Induce a thermal like effect in the tissue. The light raises the temperature of the cells though there is **no heat produced from the diodes themselves**.

Stimulate tissue granulation and connective **tissue projections**, which are part of the healing process of wounds, ulcers or inflamed tissue. Stimulate **acetylcholine release**. Acetylcholine causes cardiac inhibition, vasodilation, gastrointestinal peristalsis and other parasympathetic effects. **Pain in muscles and nerves has shown vast reduction**.

CONNECTING LED APPLICATOR to the HEALTH NAVIGATOR



Use the LED pad with resonant, client-specific frequencies generated by the CoRe system's Health Navigator with dual-channel technology that promotes the creation of very effective DLE frequencies.

- **1.** Plug the LED cable into either connector labeled **CH1/CH2** in the Light Therapy panel of your Health Navigator. The right channel is controlled by the left knob; the left channel is controlled by the right knob.
- 2. Place the LED pad on the affected body part and secure it with a Velcro strip.
- **3.** Select the frequencies to be used from the Frequency Programs, Resonant or Biofeedback Frequency screens of your CoRe system.
- **4.** Apply the light frequency therapy via de LED pad to your individual client according to his/her needs and condition.

Legal Notes

Although we have not had any reports of negative side effects of SoftFlex LED Pad application, we are legally required to make you aware of the following:

Do not use the light applicators on anyone with

- 1. allergy to sunlight or a lack of pigment
- 2. many moles or eczema
- 3. inflammations
- 4. hyper function of thyroid
- 5. urgent infectious disease or
- 6. a weak cardiovascular system
- 7. or in combination with drugs which increase the responsiveness of light